

PONY

MATH

1
20
20
59

1

PRIMARY
FIRST TERM





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Days of the Week

Day	يوم
Week	أسبوع
Month	شهر
Year	سنة
Yesterday	أمس
Today	اليوم
Tomorrow	غداً



Months of the Year



Calendar Math Time

Begin each lesson with Calendar Math Time. During this time, discuss with your child what day it is. Teach him/her the days of the week and the months of the year, count how many days your child have been in school and put a circle around this number on the 120 chart.

Every day your child goes to school, ask him/her to put 1 straw in the **Ones** pocket till this pocket has 10 straws. Your child has to bundle them together and move the bundle to the **Tens** pocket.

Move this wheel to change the day.



Slide this wheel to change the month.

Move this wheel to change the date of the day.

120 Chart



Lesson

1

Comparing by Size, Shape and Color

مقارنة الأشكال تبعاً للحجم والشكل واللون

Size

الحجم

Shape

الشكل

Color

اللون



Same size

نفس الحجم



Different size

حجم مختلف



Same shape

نفس الشكل



Different shape

شكل مختلف



Same color

نفس اللون



Different color

لون مختلف

1 Circle the two objects of the **same size** in each group:

a



b



2 Circle the two objects of the **same shape** in each group:

a



b

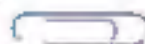


3 Circle the two objects of the **same color** in each group:

a



b



HOMework



1 Circle the two objects of the **same size** in each group:

a



b



c



2 Circle the object with the **different size** in each group:

a



b



c



3 Circle the two objects of the **same shape** in each group:

a



b



c



4 Circle the object with the **different shape** in each group:

a



b



c

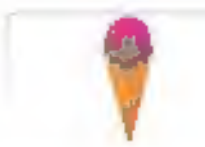


5 Circle the two objects of the same color in each group:

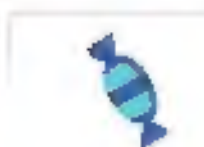
a



b



c



6 Circle the object with the different color in each group:

a



b



c

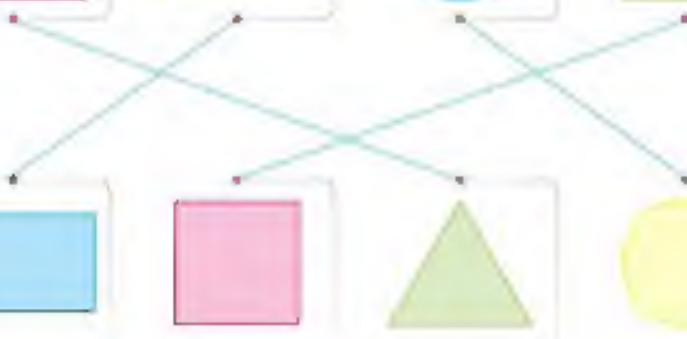
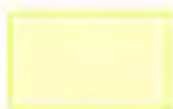


Worksheet

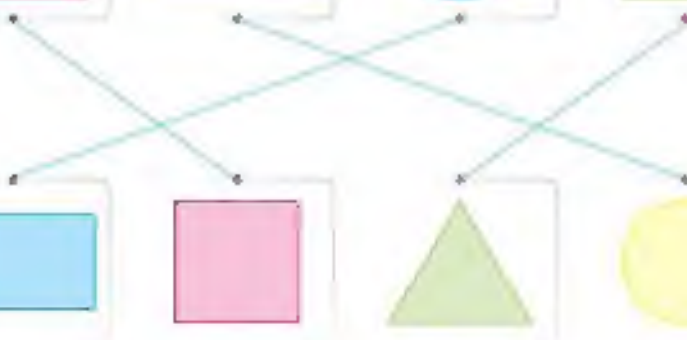
1



First: Match the objects that have the **same shape**:



Second: Match the objects that have the **same color**:



Lesson 2

Numbers From 1 to 5



One



Two



Three



Four



Five

To write numbers correctly, we always write the numbers from top to bottom, and from left to right (follow the arrows)

**One**

1

1

**Two**

2

2

**Three**

3

3

**Four**

4

4

**Five**

5

5

1 Join:

1

2

3

4

5



2 Join:

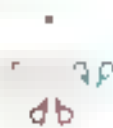
Three

Two

One

Four

Five



3 Join:

Three

Two

One

Four

Five



2

4

3

1

5

**4 Circle the correct answer****a**

2 3 4



1 2 3



1 2 3

b

Two Three



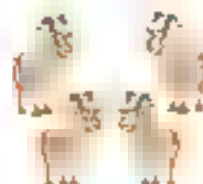
Four Five Four Two

5 Write the number**a**

Two 2



Five 5



Four 4

b

Three 3



Four 4



One 1

HOMEWORK



One



1

1

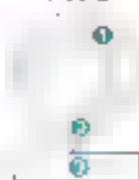
One

2

2

Two

Two



Three



3

3

Three



Four



4 4 4 Four

Five



5 5 5 Five

1 Join:

1

2

3

4

5



2 Join:

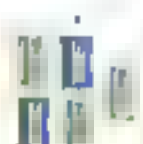
Three

Two

One

Four

Five



3 Join:

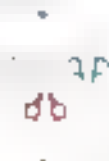
Three

Two

One

Four

Five



2

4

3

1

5



100

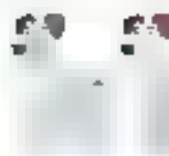
4 Circle the correct answer

a

2 3 4



1 2 3



1 3 2

b

2 3 4



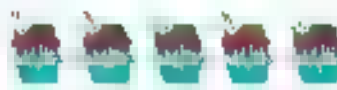
2 3 4



1 3 4

c

Two Three Four



Five Four Two

d

Two Three Four



Five Four Three

5 Write the number

a



Two 2



Five 5



Four 4

b



Three 3



One 1

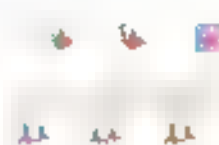


Four 4

c



Two 2

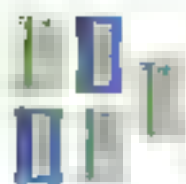


Three 3

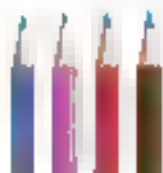


One 1

d



Five 5



Four 4



Five 5

Worksheet

2



Choose the correct answer

a



2 1 3

b



3 2 5

c



2 3 5

d



4 2 5

e



4 5 2

Write the number

a



2

b



4

c



5

d



3

e



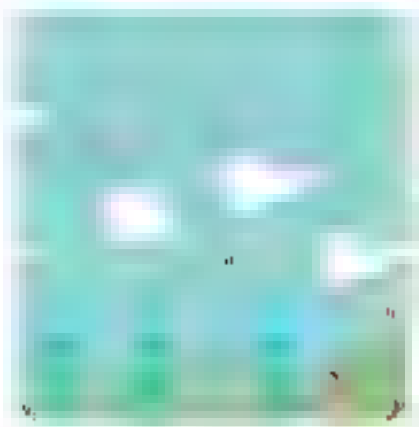
1



Answer the following:

3 Complete:



4 Draw



Draw 3  in the garden. Draw 5  on the tree

Lesson 3

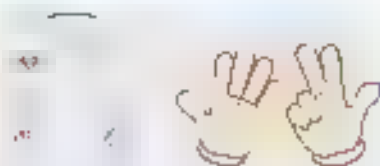
Numbers From 6 to 9



Six



Seven



Eight



Nine

To write numbers correctly, we always write the numbers from top to bottom, and from left to right (follow the arrows).

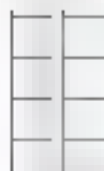


Six

6

6

6



Seven

7

7



Eight

8

8

8

8



Nine

9

9

9



1 Join

1				Five
3				One
5				Three
7				Two
9				Nine
4				Seven
8				Eight
2				Six
6				Full

2 Write the number*

a



Three 3



One 1



Five 5

b



Seven 7



Eight 8



Four 4

c



Two 2



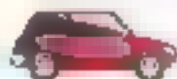
Eight 8



Six 6

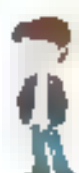
3 Circle the correct answer

a



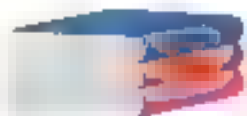
2 3 4 5 6 7 7 8 9

b



One Two Three (Three) Four Five

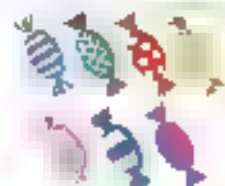
c



Seven Six Five

5 3 2

d



9 7 8

Six (Seven) Eight



Six

6

6

6

6

6

Six

6

6

6

Seven

7

7

7

7

7

Seven

Eight



八 八 八 Eight

一 一 一 一

Nine



九 九 九 Nine

一 一 一 一

1 Join:

1   • Five

3  • One

5  • Three

7  • Two

9  • Nine

4  • Seven

8  • Eight

2  • Six

6  • Four

2 Choose the correct answer

a



2 4 6 8 6 4 1 3 5

b



3 5 7 5 7 9 2 3 1

c



Four Five Six Nine Eight Seven

d



Nine Six Five Two Four One

3 Write the number

a



Two 2



Seven 7



Six 6

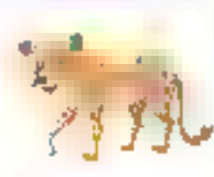
b



Nine 9



Three 3



One 1

c



Eight 8



Two 2



Seven 7

d



Six 6



Five 5



Four 4

Worksheet

3



Choose the correct answer

a



2 1 6

b



3 8 7

c



7 9 5

d



7 2 5

e



4 5 9

Write the number

a



2

b



4

c



6

d



8

e



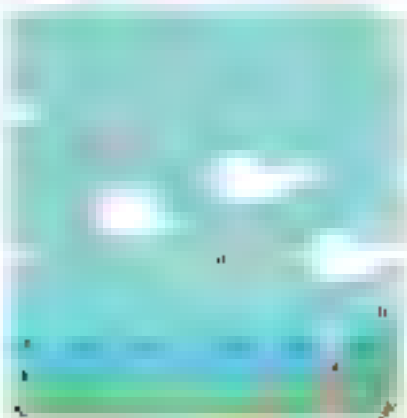
8



Answer the following.

B Complete



D Jigsaw



Draw 7  in the garden. Draw 8  on the tree

Lesson

4

Numbers 0 and 10

Look

Zero

0

One

1

Two

2

Three

3

Four

4

Five

5

Six

6

Seven

7

Eight

8

Nine

9

Ten

10

1 Jahr:

1 •



• Five

3 •



• Three

5 •



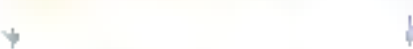
• Zero

0 •



• One

9 ✓



• Nine

6 •



• Four

4 •



• Two

2 •



• Six

10 •



• Seven

7 •



• Eight

8 •



• Ten

2 Write the number

a



Seven 7



Six 6



Two 2

b



Four 4



Zero 0 Three 3

c



Eight 8



Five 5

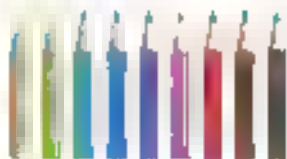


One 1

d



Ten 10



Nine 9

HOMEWORK



Zero

0

0

0

0

Zero

Ten

10

10

10

10

10

Ten

1 Join

5 •  • Nine

3 •  • Three

0 •  • Five

1 •  • One

9 •  • Two

4 •  • Zero

2 •  • Eight

6 •  • Six

7 •  • Four

8 •  • Seven

10 •  • Ten

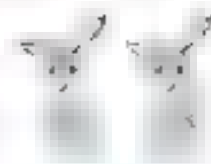
2 Write the number



Seven 7



Eight 8



Two 2

b



Six 6



Four 4



Three 3

c



Five 5

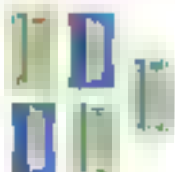


One 1

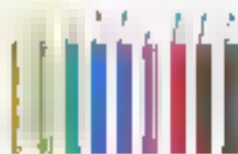
Zero 0



Ten 10



Five 5



Nine 9

3 Circle the correct answer

a



2 4 6 8 6 4 1 3 5

b



3 5 7 5 7 9 1 3 0

c



Four Five Six Nine Eight Seven

d



Nine Six Five Ten Four One

Worksheet



Choose the correct answer

a



6 8 10

b



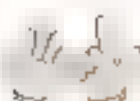
3 8 9

c



0 2 10

d



6 7 8

e



8 9 10

Write the number

a



0

b



6

c



8

d



3

e

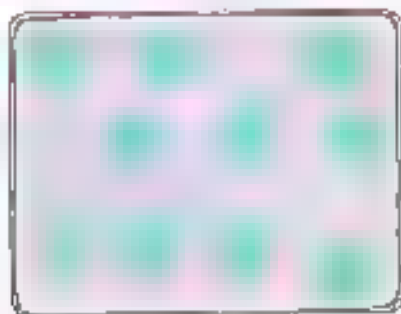


1

Answer the following:



3. Draw 10 dots on the box below.



4. Join the dots from 1 to 10.



Lesson 5

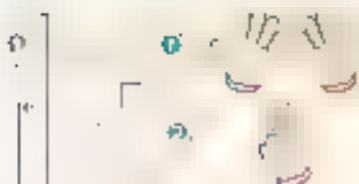
Numbers From 11 to 15



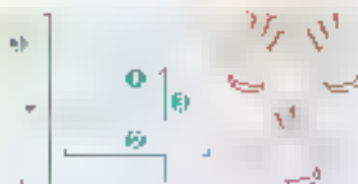
Eleven



Twelve



Thirteen



Fourteen



Fifteen

1 Write the number

a



Fifteen 15

b



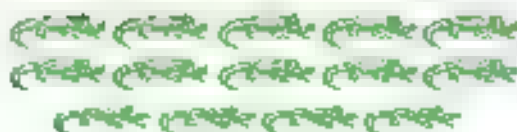
Eleven 11

c



Ten 10

d



Fourteen 14

e



Thirteen 13

f



Twelve 12

2 Join:

10.



• Thirteen

15.



• Fifteen

9.



• Ten

13.



• Seven

12.



• Nine

11.



• Eleven

7.



• Fourteen

14.



• Twelve

6.



• Six



3 Circle the correct answer

a



13

14

15

b



10

12

14

c



10



2

11

d



Thirteen

Fourteen

Fifteen

e



Twelve

Fourteen

Thirteen

f



Ten

Eleven

Twelve

4 Circle the correct answer

a



3 5 4

b



6 7 8

c



3 4 5

d



Ten

Eleven



Twelve

e



Fourteen

Ten

Fifteen

f



Thirteen

Twelve



Eleven

g



Eleven

Twelve



Thirteen



HOMEWORK

Eleven



11



11

Eleven

11

11

11

11

11

Twelve



12



12



12

Twelve

12

12

12

12

12

12

Thirteen



13

13

Thirteen

10
3

10
3

10
3

Fourteen



14

14

Fourteen

10
4

10
4

10
4

Fifteen



15

15

Fifteen

15

15

fifteen

1 Complete:

0

7

8

15

1

6

9

14

2

5

10

13

3

4

11

12

2 Write the number

a



One 1

b



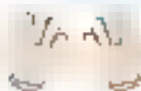
Nine 9

c



Two 2

d



Ten 10

e



Three 3

f



Eleven 11

g



Four 4

h



Twelve 12

i



Five 5

j



Thirteen 13

k



Six 6

l



Fourteen 14

m



Seven 7

n



Fifteen 15

o

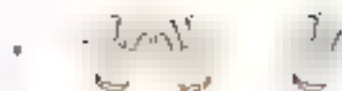


Eight 8



3 Join

10.



• Thirteen

15.



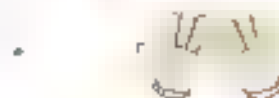
• Fifteen

9.



• Ten

13.



• Seven

12.



• Nine

11.



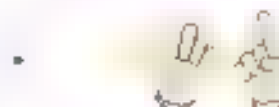
• Eleven

7.



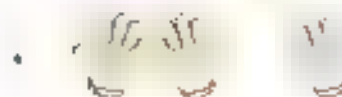
• Fourteen

14.



• Twelve

6.



• Six

4 Circle the correct answer

a



3 5 4

b



2 7 8

c



3 4 5

d



5 6 7

e



1 2 6

f



8 9 10

g



1 2 3

h



6 7 8

i



5 6 7

j



Ten

Eleven

Twelve

k



Fourteen Ten Fifteen

l



Thirteen Twelve Eleven

m



Eleven Twelve Thirteen

n



Fourteen Eleven Twelve

o



Eleven Fourteen Fifteen

Worksheet

5



Choose the correct answer

a



7 12 10

b



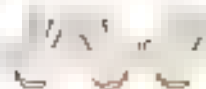
10 9 14

c



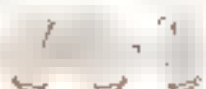
11 6 10

d



15 5 3

e



7 8 13

Write the number

a



11

b



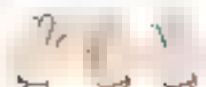
9

c



15

d



13

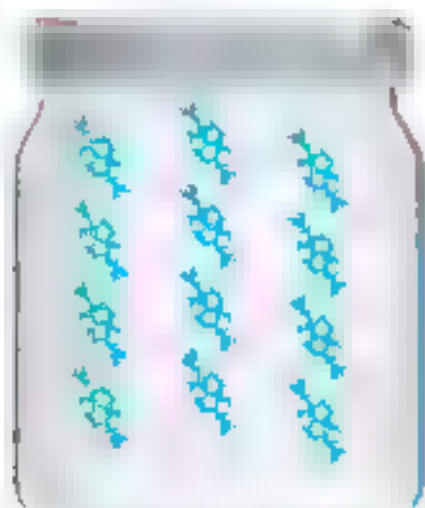
e



10

Answer the following:

- Q Draw 2  in the candy jar.



- Q Join the dots, then color

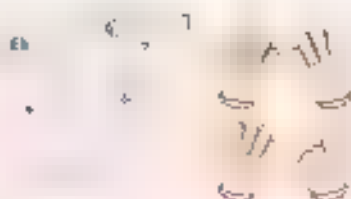


Lesson 6

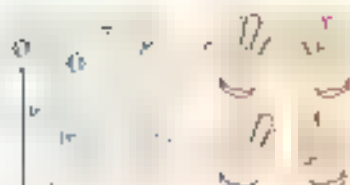
Numbers From 16 to 20



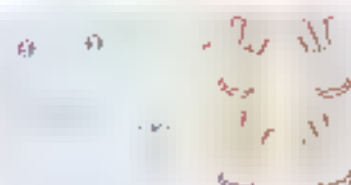
Sixteen



Seventeen



Eighteen





Nineteen




Twenty

1 Write the number

a 
Nineteen 19


b 
Twenty 20

c 
Sixteen 16


d 
Twelve 12

e 
Three 3

f 
Seventeen 17

g 
Fourteen 14

h 
Eighteen 18

i 
Zero 0

j 
Nine 9

k 
Thirteen 13

l 
Fifteen 15

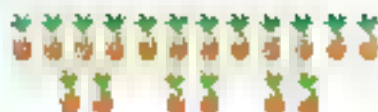
2 Circle the correct answer

a



13 14 15

b



17 18 19

c



10 11 12

d



20 18 16

e



10 12 14

f



15 16 17

g



Nineteen Fifteen Twenty

h



Twelve

Thirteen

Fourteen

i



Fifteen

Eighteen

Twenty

j



Thirteen

Fourteen

Fifteen

k



Eighteen

Twenty

Nineteen

l




Ten

Eleven

Twelve

3 Join:

15.  • Nineteen

20.  • Twenty

18.  • Fifteen


19.  • Eighteen

13.  • Twelve

17.  • Thirteen

16.  • Sixteen

12.  • Seventeen

11.  • Eleven



HOMEWORK

Sixteen



16 16 Sixteen

16 16 Sixteen

Seventeen



17 17 Seventeen

17 17 Seventeen

Eighteen



18 18

Eighteen

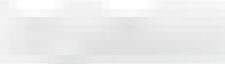
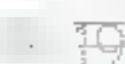


Nineteen



19 19

Nineteen



Twenty

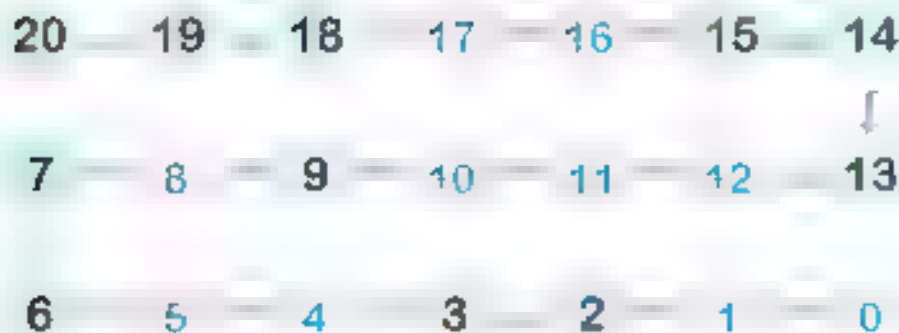
- 0

2

0

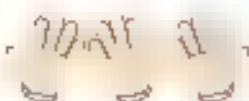
20 20 Twenty 20 20 twenty

1 Complete:



2 Join:

15. .  . • Nineteen

20. .  . • Twenty

18. .  . • Fifteen

19. .  . • Eighteen

13. .  . • Twelve

17. .  . • Thirteen

16. .  . • Sixteen

12. .  . • Seventeen

11. .  . • Seven

3 Write the number

a



Four 4

b



Twenty 20

c



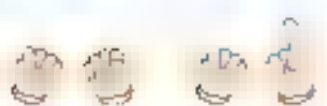
Zero 0

d



Nineteen 19

e



One 1

f



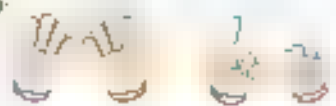
Sixteen 16

g



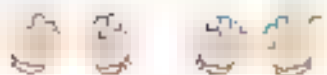
Six 6

h



Eleven 11

i



Two 2

j



Twelve 12

k



Three 3

l



Seventeen 17

m



Five 5

n



Eighteen 18

o



Seven 7

p



Fourteen 14

q



Eight 8

r



Fifteen 15

s



Nine 9

t



Thirteen 13

u



Ten 10

4 Choose the correct answer

a



0 5 10

b



0 5 10

c



2 7 8

d



2 3 5

e



0 1 2

f



4 5 6

g



9 8 7

h



9 11 10

i



0 1 2

j



7 8 9

k



5 4 3

l



6 7 9

m



Ten



Eleven



Twelve

n



Sxteen



Eighteen



Nineteen

o



Fourteen



Fifteen



Sixteen

p



Fifteen



Twenty



Nineteen

q



Fifteen



Twenty



Nineteen

r



Eleven

Seventeen

Sixteen

s



Seventeen

Eighteen

Ten

t



Eleven

Twelve

Thirteen

u



Seventeen

Seven

Twenty

Worksheet

6



Choose the correct answer

a



11 12 13

b



11 12 13

c



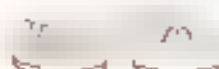
12 14 13

d



14 16 17

e



18 15 13

Write the number

a



19

b



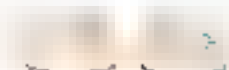
17

c



20

d



16

e



18

Answer the following:

15 in words

Fifteen

12 in words

Twelve

Eleven in digits

11

Nineteen (in digits)

19

Draw  in the fishbowl



Lesson

7

Number Line

خط الأعداد

More than

أكثر من

Less than

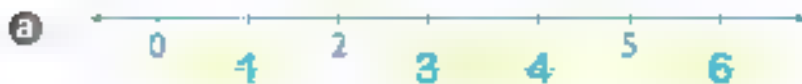
أقل من

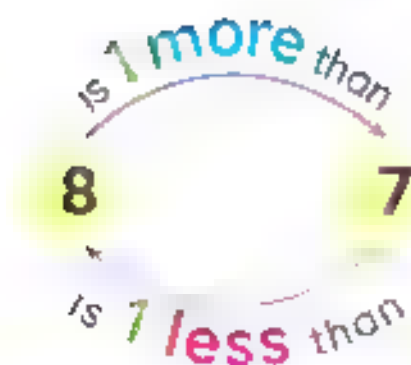
Number Line

It is a line in which numbers are written in order from left to right.



1 Write the missing numbers on the number line.





2 Complete:

a 4 $\xleftarrow{\text{is less than}}$ 3 $\xrightarrow{\text{is more than}}$ 2

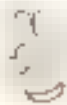




b 8 $\xleftarrow{\text{is less than}}$ 7 $\xrightarrow{\text{is more than}}$ 6






c 15 $\xleftarrow{\text{is less than}}$ 14 $\xrightarrow{\text{is more than}}$ 13






3 Circle the hand that is 1 finger more than the first hand:



4 Circle the hand that is 1 finger **ess** than the first hand.

a     

b     

c     

5 Write the numbers, then circle the number that has 1 **ore**.



a    



b  

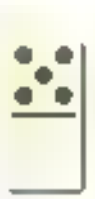

c  

3 2 3 4 9 10

6 Write the numbers, then circle the number that has 1 **oss**.

a  

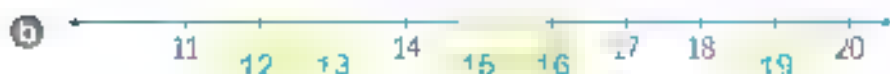
b  

c  

4 5 1 0 5 6



1 Write the missing numbers on the number line:



2 Complete:

a 4 $\xleftarrow{\text{is 1 less than}}$ 3 $\xrightarrow{\text{is 1 more than}}$ 2

b 6 $\xleftarrow{\text{is 1 less than}}$ 5 $\xrightarrow{\text{is 1 more than}}$ 4

c 9 $\xleftarrow{\text{is 1 less than}}$ 8 $\xrightarrow{\text{is 1 more than}}$ 7

d 10 $\xleftarrow{\text{is 1 less than}}$ 9 $\xrightarrow{\text{is 1 more than}}$ 8

e 13 $\xleftarrow{\text{is 1 less than}}$ 12 $\xrightarrow{\text{is 1 more than}}$ 11





f 16 $\xleftarrow{\text{is 1 less than}}$ 15 $\xrightarrow{\text{is 1 more than}}$ 14





g 19 $\xleftarrow{\text{is 1 less than}}$ 17 $\xrightarrow{\text{is 1 more than}}$ 16






3 Complete (as in the example):







4 Circle the hand that is 1 finger more than the first hand






a     






b     






c     






d     

5 Circle the hand that is 1 finger less than the first hand

a     

b     

c     

d     

6 Write the numbers, then circle the number that has 1 more:

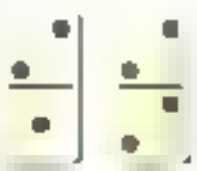
a



3

2

b



3

4

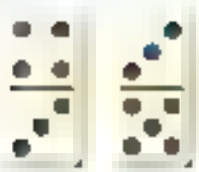
c



9

10

d



7

8

e



6

7

f

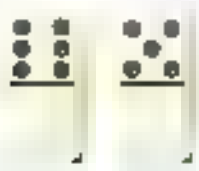


12

11

7 Write the numbers, then circle the number that has less:

a



6

5

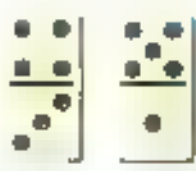
b



1

2

c



7

6

d



3

4

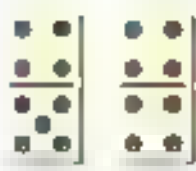
e



4

5

f



9

8

Worksheet

7



Choose the correct answer

a



18 16 (14)

b



4 0 6

c



14 16 10

Write the number in digits and words

a



Sxteen 16

b



E ght 8

c



Twelve 12

Complete:

a 5 \leftarrow is more than 6 $\xrightarrow{\text{is 1 less than}}$ 7

b 6 \leftarrow is more than 7 $\xrightarrow{\text{is 1 less than}}$ 8

c 14 \leftarrow is more than 15 $\xrightarrow{\text{is 1 less than}}$ 16

d 7 \leftarrow is 1 more than 8 $\xrightarrow{\text{is 1 less than}}$ 9

Lesson 8

Before and After

بمسابق و تسابق

The number just **after**

العدد التالي مباشرة

The number just **before**

العدد السابق مباشرة

Example

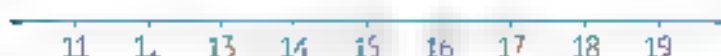
0 comes just **after** 9 • • 0 comes just **before** 1



9 comes just **before** 10 •

• 1 comes just **after** 0

15 comes just **after** 14 • • 15 comes just **before** 16



• 14 comes just **before** 15 •

• 16 comes just **after** 15

1 Complete:

8

16 comes just **after** 15 • • 16 comes just **before** 17

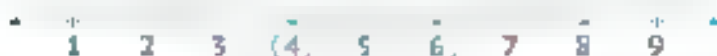


15 comes just **before** 16 •

• 17 comes just **after** 16

9

5 comes just **after** 4 • • 5 comes just **before** 6



4 comes just **before** 5 •

• 6 comes just **after** 5

2 Complete:

- a 4 comes just after 0.
- b 7 comes just after 6.
- c 9 comes just after 8.
- d 15 comes just after 14.
- e 6 comes just before 7.
- f 18 comes just before 9.
- g 18 comes just before 19.
- h 14 comes just before 15.

3 Complete using after or before.

- a 9 comes just after 8.
- b 8 comes just before 9.
- c 15 comes just after 14.
- d 15 comes just before 16.
- e 8 comes just after 7.
- f 9 comes just after 8.
- g 17 comes just after 16.
- h 18 comes just before 9.



HOMEWORK

قبل

Before

بعد

After

1 Complete:

- a 1 comes just after 0
- b 3 comes just after 2
- c ~~6~~ comes just after 4
- d 7 comes just after six.
- e 9 comes just after eight
- f 11 comes just after 10.
- g 13 comes just after 12
- h 15 comes just after 14
- i 17 comes just after 16
- j 19 comes just after 18
- k 19 comes just before twenty
- l 17 comes just before eighteen
- m 15 comes just before sixteen
- n 13 comes just before 14
- o 11 comes just before 12
- p 9 comes just before 10
- q 7 comes just before 8
- r 5 comes just before 6
- s 3 comes just before 4
- t 1 comes just before 2

2 Complete using (after or before)

- a 9 comes just **before** 10.
- b 15 comes just **before** 6
- c 7 comes just **after** 6
- d 12 comes just **after** 11
- e 5 comes just **after** 4
- f 0 comes just **before** 1
- g 3 comes just **after** 2
- h 19 comes just **before** 20.
- i 1 comes just **after** 0.
- j 17 comes just **after** 16.
- k 14 comes just **before** 15.
- l 2 comes just **before** 3.
- m 14 comes just **after** 12.
- n 4 comes just **before** 5
- o 1 comes just **after** 10
- p Twenty comes just **after** nineteen.
- q Eighteen comes just **before** nineteen
- r Sixteen comes just **after** fifteen
- s Six comes just **after** five
- t Eight comes just **before** nine

3 Write the number which comes just after

0 → 1 14 → 15 Nine → 10

2 → 3 16 → 17 Eleven → 12

17 → 18 18 → 19 Fifteen → 16

6 → 7 13 → 14 Four → 5

8 → 9 3 → 4 One → 2

10 → 11 19 → 20 Five → 6

12 → 13 7 → 8 Ten → 11

4 Write the number which comes just before

19 → 20 9 → 10 7 → Eight

16 → 17 17 → 18 1 → Two

13 → 14 14 → 15 6 → Seven

10 → 11 11 → 12 2 → Three

18 → 19 8 9 5 → Six

15 → 16 0 1 4 → Five

12 → 13 6 7 3 → Four

5 Write the number

a



Six

6

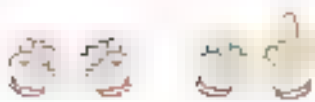
b



Eleven

11

c



Two

2

d



Twelve

12

e



Three

3

f



Seventeen

17

g



Fourteen

14

h



Eight

8

i

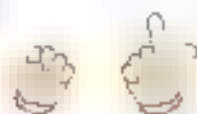


Fifteen

15

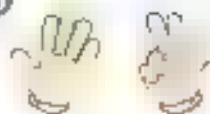
8 Choose the correct answer

a



0 1 2

b



7 8 9

c



5 4 3

d



6 7 9

e



0 1 2

f



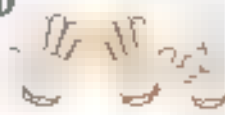
4 5 6

g



7 8 9

h



9 10 11

i



Fifteen

Twenty

Nineteen

j



Fifteen

Twenty

Nineteen

k



Eleven

Seventeen

Sixteen

Worksheet

8



Choose the correct answer

- ☐ 7 comes just before 10. (15 ☐ 18 ☐ 20)
- ☐ 10 comes just after 5. (4 ☐ 5 ☐ 6)
- ☐ 20 comes just after 10. (20 ☐ 9 ☐ 8)
- ☐ 12 is written as (Twelve ☐ Two ☐ Twenty)
- ☐ Nineteen is written as (9 ☐ 0 ☐ 9)

Complete the following

- ☐ 9 comes just before 10. **9**
- ☐ 16 comes just after 15. **15**
- ☐ 1 comes just before 2. **12**
- ☐ 18 is written as **Eighteen**
- ☐ 12, 13, 14, **15**, 16, 17

Worksheet

Answer the following:

1 Write the number which comes just after

2 3 16 17 Eleven 12

6 7 13 14 Four 5

10 11 19 20 Five 6

2 Write the number which comes just before

16 17 17 18 1 Two

10 11 11 12 2 Three

15 16 0 1 4 Five

The Signs: < , = or >

العلامات

Greater than أكبر من Less than أقل من Equal to مساوٍ

$$5 > 3$$



5 is greater than 3

$$2 < 8$$



2 is less than 8

$$4 = 4$$



4 is equal to 4

LESSON 4 The Signs

1 Choose the correct answer

a

is greater than

4 is less than 6

is equal to

b

is greater than

9 is less than 7

is equal to

c

is greater than

1 is less than 5

is equal to

d

is greater than

9 is less than 9

is equal to

2 Choose the correct answer

a

12 is greater than

19

15

0

b

2 is less than

4

0

1

c

9 is equal to

10

9

1

3 Complete using (< = or >)

a $12 > 8$

c $18 > 17$

e $8 > 7$

g $15 < 16$

i $5 < 6$

k $9 > \text{Eight}$

m $6 = \text{Six}$

o $16 = \text{Sixteen}$

b $9 > 6$

d $19 > 6$

f $5 < 7$

h $13 > 3$

j $13 = 3$

l $12 < \text{Twenty}$

n $11 > \text{Ten}$

4 Complete:

a $9 > 8$

c $18 = 18$

e $5 < 6$

g $9 > 8$

i $12 = 12$

k $12 < 13$

m $\text{Fifteen} > 14$

o $17 = \text{Seventeen}$

q $\text{Seven} < 8$

b $18 < 19$

d $5 > 4$

f $5 = 5$

h $2 < 3$

j $14 > 13$

l $13 = 13$

n $\text{Eight} < 9$

p $\text{Seven} > 6$

r $7 = \text{Seven}$



أكبر من >

Greater than

أقل من <

Less than

مساوٍ لـ =

Equal to

1 Choose the correct answer

a

Is greater than

18 Is less than 16

Is equal to

b

Is greater than

17 Is less than 20

Is equal to

c

Is greater than

19 Is less than 19

Is equal to

d

Is greater than

13 Is less than 6

Is equal to

e

Is greater than

5 Is less than 12

Is equal to

f

Is greater than

3 Is less than 3

Is equal to

g

Is greater than

11 Is less than 4

Is equal to

h

Is greater than

3 Is less than 2

Is equal to

i

Is greater than

7 Is less than 7

Is equal to

j

Is greater than

10 Is less than 9

Is equal to

2 Choose the correct answer

a 12 is greater than

1	12	3
---	----	---

b 2 is less than

1	2	3
---	---	---

c 5 is equal to

4	5	6
---	---	---

d 8 is greater than

7	8	9
---	---	---

e 15 is less than

14	15	6
----	----	---

f 19 is equal to

18	19	20
----	----	----

g 4 is greater than

3	4	5
---	---	---

h 7 is less than

6	7	8
---	---	---

i 13 is equal to

12	13	14
----	----	----

j 11 is greater than

10	12	4
----	----	---

3 Complete using (< = or >)

a $3 < 8$

b $6 < 7$

c $9 > 6$

d $12 > 10$

e $15 = 5$

f $18 > 13$

g $15 < 7$

h $19 < 20$

i $11 > 1$

j $12 > 11$

k $17 < 8$

l $10 < 11$

m Four < Fourteen

n Seven < Nine

o Two < 7

p Five > 4

q Eight = 8

r Eleven > 10

s Fourteen = 4

t 13 = Thirteen

u 16 > Fifteen

v 19 < Twenty

w 0 = Zero

x 8 > Seven

4 Complete:

$$1 \quad 8 > 17$$

$$3 \quad 3 = 3$$

$$5 \quad 1 < 12$$

$$7 \quad 9 > 18$$

$$9 \quad 4 < 5$$

$$11 \quad 14 > 13$$

$$13 \quad 0 = 0$$

$$15 \quad 2 > 11$$

$$17 \quad 20 = 20$$

$$19 \quad 6 < 7$$

$$21 \quad 14 < 15$$

$$23 \quad \text{Eight} = 8$$

$$25 \quad \text{Five} < 6$$

$$27 \quad 18 < \text{Nineteen}$$

$$29 \quad 20 > \text{Nineteen}$$

$$31 \quad 12 > \text{Eleven}$$

$$2 \quad 8 < 9$$

$$4 \quad 7 > 6$$

$$6 \quad 5 = 15$$

$$8 \quad 2 > 1$$

$$10 \quad 9 = 9$$

$$12 \quad 16 < 17$$

$$14 \quad 3 < 4$$

$$16 \quad 6 < 17$$

$$18 \quad 2 > 1$$

$$20 \quad 0 = 10$$

$$22 \quad \text{Eight} < 9$$

$$24 \quad \text{Eight} > 7$$

$$26 \quad \text{Five} > 4$$

$$28 \quad 19 = \text{Nineteen}$$

$$30 \quad 10 < \text{Eleven}$$

5 Write the number

a



Nine

9

b



Thirteen 13

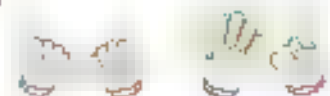
c



Ten

10

d



Six

6

e



Eleven

11

f



Two

2

g



Four

4

h



Twenty 20

i



Zero

0

8 Choose the correct answer

a



0 1 2

b



4 5 6

c



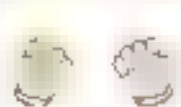
7 8 9

d



9 10 1

e



0 5 10

f



0 5 10

g



2 7 8

h



2 3 5

i



Ten Eleven Twelve

j



Sixteen Eighteen Nineteen

k



Fourteen Fifteen Sixteen

7 Write the number which comes just after

0 1 14 15 Nine 10

17 18 18 19 Fifteen 16

8 9 3 4 One 2

12 13 7 8 Ten 11

8 Write the number which comes just before:

16 17 17 18 1 Two

10 11 11 12 2 Three

15 16 0 1 4 Five

12 13 6 7 3 Four

9 Complete:**a** 12 comes just after 11**b** 9 comes just after eight**c** Six comes just after 5**d** 9 comes just before 10**e** 9 comes just before ten**f** 15 comes just before sixteen

Worksheet



Choose the correct answer

- ☒ 10 in digits = 10 ☒ 3 ☒ 15 ☒ 6
- ☒ 10 comes just after 9 ☒ 9 ☒ 10 ☒ 11
- ☒ 10 comes just before 11 ☒ 0 ☒ 1 ☒ 2
- ☒ 18 in words (Eight ☒ Eighteen ☒ Eleven,
- ☒ Twelve ☒ 12 ☒ 20 ☒ 2)

Complete the following:

- ☒ 10 in digits = 12
- ☒ 4 comes just after 13
- ☒ 2 comes just before 13
- ☒ 13 in words Thirteen
- ☒ 20 19 18 17 16 15

Answer the following:

1 Complete using (< = or >)

1 15 < 16

2 7 > 6

3 18 > 8

4 5 < Eight

5 Twenty > 17

6 6 = Six

7 Fifteen > Thirteen

8 Zero < Twenty

9 Fifteen > Seven

2 Complete

1 9 > 8

2 18 < 19

3 8 = 8

4 9 > 8

5 2 < 3

6 17 = 2

7 Fifteen < 16

8 Seven > 6

9 17 = Seventeen

10 18 < Nineteen

11 19 = Nineteen

12 20 > Nineteen

Lesson

10

Ascending Order and Descending Order

الترتيب الصاعدي والترتيب النازل



1 Complete:

- a 0, 1, 2, 3, 4, 5
- b 12, 13, 14, 15, 16, 17
- c 7, 8, 9, 10, 11, 12
- d 20, 9, 8, 17, 16, 15
- e 2, 1, 10, 9, 8, 7
- f 5, 4, 3, 2, 1, 0

2 Put the following numbers in an ascending order

(From the smallest number to the greatest number)



- a 16, 9, 5, 17, 10
5, 9, 10, 16, 17
- b 15, 0, 19, 7, 12
0, 7, 12, 15, 19
- c 20, 5, 6, 14, 4
4, 5, 6, 14, 20

3 Put the following numbers in a descending order

(From the greatest number to the smallest number)



a 15 , 10 , 5 , 9 , 3

15 , 10 , 9 , 5 , 3

b 12 , 8 , 17 , 19 , 7

19 , 17 , 12 , 8 , 7

c 4 , 20 , 1 , 8 , 6

20 , 16 , 11 , 8 , 4



تصاعديًا

Ascending

1

تنازليًا

Descending

1 Complete:

a 0, 1, 2, 3, 4, 5, 6

b 7, 8, 9, 0, 11, 12, 13

c 14, 15, 6, 17, 18, 19

d 20, 9, 8, 17, 16, 15

e 14, 13, 12, 11, 10, 9

f 6, 5, 4, 3, 2, 1, 0

g 7, 8, 9, 10, 11, 12, 13

h 9, 8, 7, 6, 5, 4, 3

i 10, 11, 12, 13, 14, 15

j 2, 4, 6, 8, 10, 12, 14

k 13, 11, 9, 7, 5, 3, 1

2 Put the following numbers in an ascending order

(From the **smallest** number to the **greatest** number)



a 5 8 2 9 3

2 3 5 8 9

b 9 2 7 4 3

2 3 4 7 9

c 8 10 12 7 3

3 7 8 10 12

d 15 19 8 11 6

6 8 11 15 19

e 5 10 0 7 12

0 5 7 10 12

f 13 5 18 6 11

5 6 11 13 18

- 3 Put the following numbers in a descending order
(From the greatest number to the smallest number)



a $8, 5, 9, 3, 2$

$9, 8, 5, 3, 2$

b $4, 14, 12, 2, 10$

$14, 12, 10, 4, 2$

c $7, 0, 8, 2, 4$

$8, 7, 4, 2, 0$

d $17, 19, 12, 10, 15$

$19, 17, 15, 12, 10$

e $11, 19, 8, 0, 20$

$20, 19, 11, 8, 0$

f $5, 10, 0, 15, 20$

$20, 15, 10, 5, 0$

Worksheet 10



Choose the correct answer

- ☐ A 10 digits = 13 ☒ B 15 ☒ C 12
- ☐ B 15 comes last after 4 ☒ C 15 ☒ D 16
- ☐ C 1 comes last after 10 ☒ D 1 ☒ E 12
- ☐ D 20 is a 10 (Twenty) ☒ E Twelve ☒ F Two
- ☐ E Nineteen is 19 ☒ F 18 ☒ G 9 ☒ H 19

Complete the following

- ☐ A 10 digits = 12
- ☐ B 15 comes last after 4
- ☐ C 11 comes last after 2
- ☐ D 1 is a 10 Eleven
- ☐ E 2 , 4 , 6 , 8 , 10 , 12

Worksheet

Answer the following:

1 Complete using $<$, $=$ or $>$

1 5 $<$ 6

2 17 $>$ 16

3 8 $=$ Eight

4 Six $<$ 17

5 Fifteen $>$ Thirteen

6 Seventeen $<$ Twenty

7 Arrange the following numbers in an ascending order

15 0 19 , 7 , 12

0 , ~~7~~ , 12 , 15 , 19

8 Arrange the following numbers in a descending order

2 8 7 19 7

19 17 , 12 8 , 7

Lesson 11

Addition

يجمع

Addition

الجمع Plus (+)

رائد

Counting

العد Largest

الأحمر



3

+



5



8

Three plus five equals eight

1 Add.

a



2

+

4



=

6

b



5

+

3



=

8

c



4

+

5



=

9

d



5

+

5



=

10

Adding by Counting From the Largest Number

يجمع بالعد من العدد الأكبر

Example

Add (8 + 4)



We put the largest number in our mind

And you say "8 in my mind"



We represent the smaller number using our fingers

And you say "4 on my hand"



We count on our fingers after the number in our mind

And you say
After 8:
9 10 11 12

So, $8 + 4 = 12$

Notes for parents:
Make sure that the child speaks during the solution as shown.



$$7 + 5 = 2$$



$$9 + 4 = 13$$



2 Add

$$\begin{array}{r} \text{a} \quad 5 \\ + 3 \\ \hline 8 \end{array}$$

$$\begin{array}{r} \text{b} \quad 4 \\ + 2 \\ \hline 6 \end{array}$$

$$\begin{array}{r} \text{c} \quad 3 \\ + 7 \\ \hline 10 \end{array}$$

$$\begin{array}{r} \text{d} \quad 7 \\ + 2 \\ \hline 9 \end{array}$$

$$\begin{array}{r} \text{e} \quad 8 \\ + 2 \\ \hline 10 \end{array}$$

$$\begin{array}{r} \text{f} \quad 5 \\ + 5 \\ \hline 10 \end{array}$$

$$\begin{array}{r} \text{g} \quad 3 \\ + 2 \\ \hline 5 \end{array}$$

$$\begin{array}{r} \text{h} \quad 7 \\ + 0 \\ \hline 7 \end{array}$$

$$\begin{array}{r} \text{i} \quad 5 \\ + 7 \\ \hline 12 \end{array}$$

$$\begin{array}{r} \text{j} \quad 6 \\ + 6 \\ \hline 12 \end{array}$$

$$\begin{array}{r} \text{k} \quad 7 \\ + 2 \\ \hline 9 \end{array}$$

$$\begin{array}{r} \text{l} \quad 2 \\ + 9 \\ \hline 11 \end{array}$$

3 Add

$$\text{a} \quad 3 + 4 = 7$$

$$\text{b} \quad 5 + 8 = 13$$

$$\text{c} \quad 3 + 8 = 11$$

$$\text{d} \quad 9 + 7 = 16$$

$$\text{e} \quad 2 + 4 = 6$$

$$\text{f} \quad 5 + 5 = 10$$

$$\text{g} \quad 3 + 0 = 3$$

$$\text{h} \quad 8 + \quad = 9$$

$$\text{i} \quad 9 + 7 = 16$$

$$\text{j} \quad 7 + 7 = 14$$

$$\text{k} \quad 13 + 7 = 20$$

$$\text{l} \quad 14 + 6 = 20$$



1 Add.

a



$$3 + 4$$



$$= 7$$

b



$$5 + 3$$



$$= 8$$

c



$$4 + 7$$



$$= 11$$

d



$$4 + 5$$



$$= 9$$

e



$$3 + 4$$



$$= 7$$

f



$$5 + 5$$




$$= 10$$




2 Add





a   $10 + 6$   $= 16$

b   $10 + 7$   $= 17$

c   $8 + 9$   $= 17$

d   $8 + 7$   $= 15$

e   $15 + 3$  $= 18$

f   $11 + 7$   $= 18$

g   $11 + 5$  $= 16$

3 Add

$$\text{a } 5$$

$$+ 3$$

$$8$$

$$\text{b } 4$$

$$+ 2$$

$$6$$

$$\text{c } 3$$

$$+ 7$$

$$10$$

$$\text{d } 7$$

$$+ 2$$

$$9$$

$$\text{e } 8$$

$$+ 2$$

$$10$$

$$\text{f } 5$$

$$+ 5$$

$$10$$

$$\text{g } 3$$

$$+ 2$$

$$5$$

$$\text{h } 7$$

$$+ 0$$

$$7$$

$$\text{i } 5$$

$$+ 7$$

$$12$$

$$\text{j } 6$$

$$+ 6$$

$$12$$

$$\text{k } 7$$

$$+ 9$$

$$16$$

$$\text{l } 2$$

$$+ 9$$

$$11$$

$$\text{m } 5$$

$$+ 5$$

$$10$$

$$\text{n } 6$$

$$+ 2$$

$$8$$

$$\text{o } 7$$

$$+ 7$$

$$14$$

$$\text{p } 2$$

$$+ 2$$

$$4$$

$$\text{q } 15$$

$$+ 2$$

$$17$$

$$\text{r } 15$$

$$+ 5$$

$$20$$

$$\text{s } 13$$

$$+ 2$$

$$15$$

$$\text{t } 17$$

$$+ 0$$

$$17$$

$$\text{u } 12$$

$$+ 7$$

$$19$$

$$\text{v } 13$$

$$+ 7$$

$$20$$

$$\text{w } 16$$

$$+ 2$$

$$18$$

$$\text{x } 12$$

$$+ 8$$

$$20$$

4 Add

a $3 + 4 = 7$

c $3 + 8 = 11$

e $1 + 9 = 10$

g $3 + 5 = 8$

i $12 + 4 = 16$

k $11 + 7 = 18$

m $17 + 1 = 18$

o $8 + 1 = 9$

q $7 + 7 = 14$

s $8 + 8 = 16$

u $16 + 4 = 20$

w $14 + 6 = 20$

y $19 + 0 = 19$

b $5 + 8 = 13$

d $9 + 7 = 16$

f $2 + 7 = 9$

h $10 + 5 = 15$

j $15 + 5 = 20$

l $14 + 3 = 17$

n $3 + 0 = 3$

p $9 + 7 = 16$

r $9 + 4 = 13$

t $6 + 6 = 12$

v $13 + 5 = 18$

x $18 + 2 = 20$

z $10 + 8 = 18$

Worksheet

11



Choose the correct answer

- ☐ 1. 10 comes just after 9. ☐ 3 ☒ 15 ☐ 12
- ☐ 2. 5 comes just after 4. ☐ 14 ☒ 15 ☐ 6
- ☐ 3. 1 comes just before 2. ☐ 10 ☒ 11 ☐ 2
- ☐ 4. 20 is written as ☐ (Twenty) ☒ Twelve ☐ Two
- ☐ 5. Nineteen is written as ☐ 18 ☒ 9 ☐ 9.

Complete the following.

- ☐ 6. The number which comes just after 19 is **20**.
- ☐ 7. The number which comes just before 0 is **9**.
- ☐ 8. $15 < \text{16}$.
- ☐ 9. Twenty $> \text{19}$.
- ☐ 10. 9, 8, 7, 6, 5, 4, 3

Answer the following:

8 Complete using < or >

5 < 6

14 < 17

9 > 2

12 > 11

Nineteen = 19

Seventeen > 9

9 Arrange the following numbers in an ascending order

8 5 15 0 7

0 5 7 , 8 , 15.

10 Arrange the following numbers in a descending order

5 7 5 0 7

17 15 , 7 5 0

Lesson

12

Components of Numbers up to 10

Components of numbers

مكونات الأعداد



$$\begin{array}{c} \text{0} + \text{2} \\ \hline \text{2} \end{array}$$

$$\begin{array}{c} \text{1} + \text{1} \\ \hline \text{2} \end{array}$$

$$\begin{array}{c} \text{2} + \text{0} \\ \hline \text{2} \end{array}$$



$$\begin{array}{c} \text{0} + \text{3} \\ \hline \text{3} \end{array}$$

$$\begin{array}{c} \text{1} + \text{2} \\ \hline \text{3} \end{array}$$

$$\begin{array}{c} \text{2} + \text{1} \\ \hline \text{3} \end{array}$$

$$\begin{array}{c} \text{3} + \text{0} \\ \hline \text{3} \end{array}$$



$$\begin{array}{c} \text{0} + \text{4} \\ \hline \text{4} \end{array}$$

$$\begin{array}{c} \text{1} + \text{3} \\ \hline \text{4} \end{array}$$

$$\begin{array}{c} \text{2} + \text{2} \\ \hline \text{4} \end{array}$$

$$\begin{array}{c} \text{3} + \text{1} \\ \hline \text{4} \end{array}$$

$$\begin{array}{c} \text{4} + \text{0} \\ \hline \text{4} \end{array}$$



0 + 5
5

1 + 4
5

2 + 3
5

3 + 2
5

4 + 1
5

5 + 0
5



0 + 6
6

1 + 5
6

2 + 4
6

3 + 3
6

4 + 2
6

5 + 1
6

6 + 0
6

0 + 7
7

1 + 6
7

2 + 5
7

3 + 4
7

4 + 3
7

5 + 2
7

6 + 1
7

7 + 0
7

LESSON 17 Countdowns of Numbers 6 up to 10

$$\begin{array}{r} 0 + 8 \\ \underline{} \\ 8 \end{array}$$

$$\begin{array}{r} 1 + 7 \\ \underline{} \\ 8 \end{array}$$

$$\begin{array}{r} 2 + 6 \\ \underline{} \\ 8 \end{array}$$

$$\begin{array}{r} 3 + 5 \\ \underline{} \\ 8 \end{array}$$

$$\begin{array}{r} 4 + 4 \\ \underline{} \\ 8 \end{array}$$

$$\begin{array}{r} 5 + 3 \\ \underline{} \\ 8 \end{array}$$

$$\begin{array}{r} 6 + 2 \\ \underline{} \\ 8 \end{array}$$

$$\begin{array}{r} 7 + 1 \\ \underline{} \\ 8 \end{array}$$

$$\begin{array}{r} 8 + 0 \\ \underline{} \\ 8 \end{array}$$

$$\begin{array}{r} 0 + 9 \\ \underline{} \\ 9 \end{array}$$

$$\begin{array}{r} 1 + 8 \\ \underline{} \\ 9 \end{array}$$

$$\begin{array}{r} 2 + 7 \\ \underline{} \\ 9 \end{array}$$

$$\begin{array}{r} 3 + 6 \\ \underline{} \\ 9 \end{array}$$

$$\begin{array}{r} 4 + 5 \\ \underline{} \\ 9 \end{array}$$

$$\begin{array}{r} 5 + 4 \\ \underline{} \\ 9 \end{array}$$

$$\begin{array}{r} 6 + 3 \\ \underline{} \\ 9 \end{array}$$

$$\begin{array}{r} 7 + 2 \\ \underline{} \\ 9 \end{array}$$

$$\begin{array}{r} 8 + 1 \\ \underline{} \\ 9 \end{array}$$

$$\begin{array}{r} 9 + 0 \\ \underline{} \\ 9 \end{array}$$



$$\begin{array}{r} 0 + 10 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 1 + 9 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 2 + 8 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 3 + 7 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 4 + 6 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 5 + 5 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 6 + 4 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 7 + 3 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 8 + 2 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 9 + 1 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 10 + 0 \\ \hline 10 \end{array}$$

1 Complete.

a $\square + 1 = 2$

c $\square + 5 = 6$

e $7 + 2 = \square$

g $5 + \square = 5$

i $\square - 2 + 5 = 7$

b $1 + \square = 4$

d $\square + 2 = 7$

f $\square + 2 = 5$

h $5 + \square = 6$

2 Complete:

a $\begin{array}{r} 1 \\ + 2 \\ \hline \end{array}$

b $\begin{array}{r} 1 \\ + 6 \\ \hline \end{array}$

c $\begin{array}{r} 1 \\ + 4 \\ \hline \end{array}$

d $\begin{array}{r} 8 \\ + 1 \\ \hline \end{array}$

$\begin{array}{r} 3 \\ + 2 \\ \hline \end{array}$

$\begin{array}{r} 7 \\ + 6 \\ \hline \end{array}$

$\begin{array}{r} 5 \\ + 4 \\ \hline \end{array}$

$\begin{array}{r} 9 \\ + 1 \\ \hline \end{array}$

$\begin{array}{r} 3 \\ + 4 \\ \hline \end{array}$

$\begin{array}{r} 5 \\ + 4 \\ \hline \end{array}$

$\begin{array}{r} 1 \\ + 4 \\ \hline \end{array}$

$\begin{array}{r} 5 \\ + 3 \\ \hline \end{array}$

$\begin{array}{r} 7 \\ + 4 \\ \hline \end{array}$

$\begin{array}{r} 9 \\ + 4 \\ \hline \end{array}$

$\begin{array}{r} 5 \\ + 4 \\ \hline \end{array}$

$\begin{array}{r} 8 \\ + 3 \\ \hline \end{array}$



1 Write the components of:



$$0 + \text{---}2\text{---}$$

$$1 + \text{---}1\text{---}$$

$$2 + \text{---}0\text{---}$$



$$0 + \text{---}3\text{---}$$

$$1 + \text{---}2\text{---}$$

$$2 + \text{---}1\text{---}$$

$$3 + \text{---}0\text{---}$$



$$0 + \text{---}4\text{---}$$

$$1 + \text{---}3\text{---}$$

$$2 + \text{---}2\text{---}$$

$$3 + \text{---}1\text{---}$$

$$4 + \text{---}0\text{---}$$



$$0 + \text{---}5\text{---}$$

$$1 + \text{---}4\text{---}$$

$$2 + \text{---}3\text{---}$$

$$3 + \text{---}2\text{---}$$

$$4 + \text{---}1\text{---}$$

$$5 + \text{---}0\text{---}$$



$$0 + \text{---}6\text{---}$$

$$1 + \text{---}5\text{---}$$

$$2 + \text{---}4\text{---}$$

$$3 + \text{---}3\text{---}$$

$$4 + \text{---}2\text{---}$$

$$5 + \text{---}1\text{---}$$

$$6 + \text{---}0\text{---}$$



$0 + 7$

$1 + 6$

$2 + 5$

$3 + 4$

$4 + 3$

$5 + 2$

$6 + 1$

$7 + 0$



$0 + 8$

$1 + 7$

$2 + 6$

$3 + 5$

$4 + 4$

$5 + 3$

$6 + 2$

$7 + 1$

$8 + 0$



$0 + 9$

$1 + 8$

$2 + 7$

$3 + 6$

$4 + 5$

$5 + 4$

$6 + 3$

$7 + 2$

$8 + 1$

$9 + 0$



$0 + 10$

$1 + 9$

$2 + 8$

$3 + 7$

$4 + 6$

$5 + 5$

$6 + 4$

$7 + 3$

$8 + 2$

$9 + 1$

$10 + 0$

2 Complete:

$1 + 4 = 2$

$1 + 3 = 4$

$1 + 5 = 6$

$1 + 7 = 8$

$1 + 9 = 10$

$1 + 2 = 3$

$1 + 4 = 5$

$1 + 6 = 7$

$1 + 8 = 9$

$2 + 0 = 2$

$2 + 2 = 4$

$2 + 4 = 6$

$2 + 6 = 8$

$2 + 8 = 10$

$2 + 1 = 3$

$2 + 3 = 5$

$2 + 5 = 7$

$7 + 2 = 9$

$0 + 3 = 3$

$2 + 3 = 5$

$4 + 3 = 7$

$6 + 3 = 9$

$1 + 3 = 4$

$3 + 3 = 6$

$5 + 3 = 8$

$7 + 3 = 10$

$0 + 4 = 4$

$2 + 4 = 6$

$4 + 4 = 8$

$6 + 4 = 10$

$1 + 4 = 5$

$3 + 4 = 7$

$5 + 4 = 9$

$1 + 5 = 6$

$3 + 5 = 8$

$6 + 5 = 10$

$0 + 6 = 6$

$2 + 6 = 8$

$4 + 6 = 10$

$1 + 6 = 7$

$3 + 6 = 9$

$0 + 7 = 7$

$2 + 7 = 9$

$1 + 7 = 8$

$7 + 3 = 10$

$8 + 0 = 8$

$8 + 1 = 9$

$8 + 2 = 10$

$9 + 0 = 9$

$0 + 10 = 10$

3 Complete:

$$\begin{array}{r} 0 \\ + 2 \\ \hline 2 \end{array} \quad \begin{array}{r} 0 \\ + 4 \\ \hline 4 \end{array} \quad \begin{array}{r} 3 \\ + 2 \\ \hline 5 \end{array} \quad \begin{array}{r} 4 \\ + 2 \\ \hline 6 \end{array} \quad \begin{array}{r} 5 \\ + 2 \\ \hline 7 \end{array} \quad \begin{array}{r} 0 \\ + 10 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 1 \\ + 1 \\ \hline 2 \end{array} \quad \begin{array}{r} 1 \\ + 3 \\ \hline 4 \end{array} \quad \begin{array}{r} 4 \\ + 1 \\ \hline 5 \end{array} \quad \begin{array}{r} 5 \\ + 1 \\ \hline 6 \end{array} \quad \begin{array}{r} 6 \\ + 1 \\ \hline 7 \end{array} \quad \begin{array}{r} 1 \\ + 9 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 2 \\ + 0 \\ \hline 2 \end{array} \quad \begin{array}{r} 2 \\ + 2 \\ \hline 4 \end{array} \quad \begin{array}{r} 5 \\ + 0 \\ \hline 5 \end{array} \quad \begin{array}{r} 6 \\ + 0 \\ \hline 6 \end{array} \quad \begin{array}{r} 7 \\ + 0 \\ \hline 7 \end{array} \quad \begin{array}{r} 2 \\ + 8 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 3 \\ + 0 \\ \hline 3 \end{array} \quad \begin{array}{r} 1 \\ + 3 \\ \hline 4 \end{array} \quad \begin{array}{r} 5 \\ + 1 \\ \hline 6 \end{array} \quad \begin{array}{r} 7 \\ + 0 \\ \hline 7 \end{array} \quad \begin{array}{r} 8 \\ + 0 \\ \hline 8 \end{array} \quad \begin{array}{r} 7 \\ + 3 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 2 \\ + 1 \\ \hline 3 \end{array} \quad \begin{array}{r} 0 \\ + 4 \\ \hline 4 \end{array} \quad \begin{array}{r} 4 \\ + 2 \\ \hline 6 \end{array} \quad \begin{array}{r} 6 \\ + 1 \\ \hline 7 \end{array} \quad \begin{array}{r} 7 \\ + 1 \\ \hline 8 \end{array} \quad \begin{array}{r} 6 \\ + 4 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 1 \\ + 2 \\ \hline 3 \end{array} \quad \begin{array}{r} 4 \\ + 1 \\ \hline 5 \end{array} \quad \begin{array}{r} 3 \\ + 3 \\ \hline 6 \end{array} \quad \begin{array}{r} 4 \\ + 3 \\ \hline 7 \end{array} \quad \begin{array}{r} 5 \\ + 3 \\ \hline 8 \end{array} \quad \begin{array}{r} 5 \\ + 5 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 0 \\ + 3 \\ \hline 3 \end{array} \quad \begin{array}{r} 3 \\ + 2 \\ \hline 5 \end{array} \quad \begin{array}{r} 2 \\ + 4 \\ \hline 6 \end{array} \quad \begin{array}{r} 4 \\ + 3 \\ \hline 7 \end{array} \quad \begin{array}{r} 5 \\ + 3 \\ \hline 8 \end{array} \quad \begin{array}{r} 6 \\ + 4 \\ \hline 10 \end{array}$$

Worksheet

12



Find the result:

3 + 8 = 11

4 + 9 = 13

$$\begin{array}{r} 5 \\ + 5 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 7 \\ + 8 \\ \hline 15 \end{array}$$

$$\begin{array}{r} 10 \\ + 7 \\ \hline 17 \end{array}$$

Complete the following:

The number which comes just after 15 is 16

The number which comes just before 2 is 11

5 , 6 , 7 , 8 , 9 , 10

3 + 7 = 10.

15 < 16

Answer the following

Put (< , = or >)

5 < Nine

12 > Eleven

Seven > Three

Eighteen < Twenty

Ten > 9

9 > 4

- 13 Arrange the following numbers in an ascending order

4 , 0 , 14 , 8 , 10

0 < 4 < 8 < 10 < 14

- 14 Arrange the following numbers in a descending order

6 , 3 , 15 , 20 , 9

20 > 15 > 9 > 6 > 3

Subtraction Using a Countdown

الطرح بالعدّ من الأكبر

Subtraction

الطرح Minus (-)

مناقص

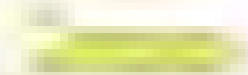
Example

Subtract (12 - 4)



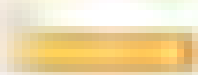
We put the
initials number
in our mind

And you say
"12 in my mind."



We represent the
smaller number
using our fingers.

And you say
"4 on my hand."



We count on our
fingers **before** the
number in our mind

And you say
"Before 2
1 10 9 8."

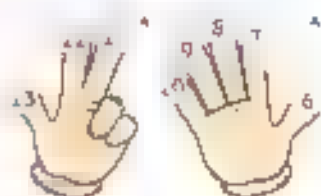
So, $12 - 4 = 8$

Notes for parents.
Make sure that the
child speaks during
the solution as shown.

✗ $11 - 3 = 8$



✗ $14 - 8 = 6$



Subtract:

$$\begin{array}{r} 3 \\ - 0 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 6 \\ - 5 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 4 \\ - 4 \\ \hline 0 \end{array}$$

$$\begin{array}{r} 8 \\ - 3 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 17 \\ - 6 \\ \hline 11 \end{array}$$

$$\begin{array}{r} 12 \\ - 9 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 15 \\ - 9 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 13 \\ - 3 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 9 \\ - 3 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 8 \\ - 6 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 7 \\ - 4 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 6 \\ - 0 \\ \hline 6 \end{array}$$

$1 - 5 = 4$

$5 - 7 = 8$

$0 - 4 = 6$

$8 - 5 = 3$

$9 - 9 = 0$

$7 - 0 = 7$



1 Subtract

$$\begin{array}{r} 8 \\ - 5 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 10 \\ - 5 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 7 \\ 2 \\ 5 \end{array}$$

$$\begin{array}{r} 9 \\ - 3 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 7 \\ 7 \\ 0 \end{array}$$

$$\begin{array}{r} 8 \\ 0 \\ 8 \end{array}$$

$$\begin{array}{r} 5 \\ - 2 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 3 \\ - 3 \\ \hline 0 \end{array}$$

$$\begin{array}{r} 8 \\ - 2 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 9 \\ 5 \\ 4 \end{array}$$

$$\begin{array}{r} 2 \\ - 2 \\ \hline 0 \end{array}$$

$$\begin{array}{r} 3 \\ 0 \\ 3 \end{array}$$

$$\begin{array}{r} 12 \\ 5 \\ 7 \end{array}$$

$$\begin{array}{r} 14 \\ - 7 \\ \hline 7 \end{array}$$

$$\begin{array}{r} 6 \\ - 5 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 11 \\ - 5 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 13 \\ 6 \\ 7 \end{array}$$

$$\begin{array}{r} 15 \\ - 9 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 17 \\ 6 \\ 11 \end{array}$$

$$\begin{array}{r} 15 \\ 0 \\ 15 \end{array}$$

$$\begin{array}{r} 16 \\ - 7 \\ \hline 11 \end{array}$$

$$\begin{array}{r} 12 \\ - 9 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 13 \\ - 4 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 14 \\ 9 \\ 5 \end{array}$$

$$\begin{array}{r} 10 \\ - 2 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 19 \\ 5 \\ 14 \end{array}$$

$$\begin{array}{r} 20 \\ 5 \\ 15 \end{array}$$

$$\begin{array}{r} 20 \\ - 7 \\ \hline 13 \end{array}$$

$$\begin{array}{r} 9 \\ - 3 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 2 \\ - 0 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 6 \\ 4 \\ 2 \end{array}$$

$$\begin{array}{r} 5 \\ - 2 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 16 \\ 8 \\ 8 \end{array}$$

$$\begin{array}{r} 13 \\ 9 \\ 4 \end{array}$$

$$\begin{array}{r} 17 \\ - 9 \\ \hline 8 \end{array}$$

2 Subtract

$8 - 3 = 5$

$7 - 6 = 1$

$5 - 4 = 1$

$3 - 2 = 1$

$9 - 4 = 5$

$9 - 9 = 0$

$9 - 0 = 9$

$5 - 3 = 2$

$1 - 1 = 0$

$3 - 2 = 1$

$4 - 3 = 1$

$4 - 2 = 2$

$7 - 3 = 4$

$8 - 5 = 3$

$8 - 7 = 1$

$7 - 2 = 5$

$6 - 1 = 5$

$5 - 2 = 3$

$9 - 1 = 8$

$9 - 2 = 7$

$8 - 8 = 0$

$8 - 0 = 8$

$6 - 2 = 4$

$6 - 4 = 2$

$7 - 5 = 2$

$4 - 4 = 0$

$1 - 0 = 1$

$7 - 1 = 6$

$8 - 5 = 3$

$12 - 4 = 8$

$14 - 6 = 8$

$16 - 9 = 7$

$18 - 5 = 13$

$20 - 9 = 11$

$11 - 0 = 11$

$13 - 5 = 8$

$15 - 7 = 8$

$17 - 9 = 8$

$19 - 3 = 16$

$10 - 10 = 0$

$15 - 5 = 10$

$20 - 4 = 16$

Worksheet

13



Find the result

a $9 + 8 = 17$

b 5

c 8

d 10

$+ 7$

8

5

e $7 - 3 = 4$

12

0

5

Complete the following:

a The number which comes just after 19 is **20**

b The number which comes just before 20 is **19**

c $9, 8, 7, 6, 5, 4$

d $9 + 3 = 12$

e $12 > 11$

Answer the following.

a Put (< , = or >)

b $9 > \text{Eight}$ c $\text{Seven} < \text{Thirteen}$ d $10 > 8$

e $11 = \text{Eleven}$ f $\text{Nine} < \text{Twenty}$ g $2 < 3$

h Arrange the following numbers in an ascending order

$9, 2, 12, 7, 5$
 $2, 5, 7, 9, 12$

i Arrange the following numbers in a descending order

$7, 20, 0, 5, 13$
 $20, 13, 7, 5, 0$

14

The Relationship Between Addition and Subtraction

العلاقة بين الجمع والطرح

Addition and subtraction are two **opposite** operations.
الجمع والطرح عمليتان متعاكستان.

$$\begin{array}{r}
 9 \\
 6 + 3 = 9 \quad = \quad 9 - 6 = 3 \\
 3 + 6 = 9 \quad = \quad 9 - 3 = 6
 \end{array}$$

1 Complete:

⊗ 12

5 7

5 + 7 = 12

12 - 5 = 7

12 - 7 = 5

12 - 5 = 7

11

4 7

4 + 7 = 11

11 - 4 = 7

11 - 7 = 4

15

6 9

6 + 9 = 15

15 - 6 = 9

15 - 9 = 6

15 - 6 = 9

16

9 7

9 + 7 = 16

16 - 9 = 7

16 - 7 = 9

8

3 5

3 + 5 = 8

8 - 3 = 5

8 - 5 = 3

8 - 3 = 5

20

2 18

2 + 18 = 20

20 - 2 = 18

20 - 18 = 2

20 - 2 = 18

2 Match:

$$3 + 7$$

$$5 + 3$$

$$3 + 3$$

$$2 + 2$$

$$7 + 5$$

$$2 \cdot 4$$

$$20 \cdot 0$$

$$8 \cdot 2$$

$$19 \cdot 7$$

$$8 \cdot 4$$

3 Complete using ($<$, $=$ or $>$):

$$7$$

$$13$$

$$1$$

$$5$$

$$12 - 5$$

$$<$$

$$6 + 7$$

$$8 - 7$$

$$<$$

$$10 - 5$$

$$10$$

$$20$$

$$20$$

$$20$$

$$13 - 3$$

$$<$$

$$15 + 5$$

$$12 + 8$$

$$=$$

$$10 + 10$$

$$6$$

$$0$$

$$13$$

$$15$$

$$4 + 2$$

$$>$$

$$9 - 9$$

$$6 + 7$$

$$<$$

$$18 - 3$$

4 Complete:

$$10 + 1 < 12$$

$$15 < 13 + 3$$

$$18 - 10 > 7$$

$$6 > 8 - 3$$

$$9 + 4 = 13$$

$$12 = 6 + 6$$

HOMEWORK



1 Complete:

$$\begin{array}{r} 16 \\ 7 \quad 9 \\ 7 + 9 = 16 \\ 9 + 7 = 16 \\ 16 - 9 = 7 \\ 16 - 7 = 9 \end{array}$$

$$\begin{array}{r} 14 \\ 4 \quad 10 \\ 4 + 10 = 14 \\ 10 + 4 = 14 \\ 14 - 10 = 4 \\ 14 - 4 = 10 \end{array}$$

$$\begin{array}{r} 11 \\ 5 \quad 6 \\ 6 + 5 = 11 \\ 5 + 6 = 11 \\ 11 - 5 = 6 \\ 11 - 6 = 5 \end{array}$$

$$\begin{array}{r} 14 \\ 7 \quad 7 \\ 7 + 7 = 14 \\ 14 - 7 = 7 \end{array}$$

$$\begin{array}{r} 12 \\ 4 \quad 8 \\ 4 + 8 = 12 \\ 8 + 4 = 12 \\ 12 - 8 = 4 \\ 12 - 4 = 8 \end{array}$$

$$\begin{array}{r} 20 \\ 6 \quad 14 \\ 6 + 14 = 20 \\ 14 + 6 = 20 \\ 20 - 6 = 14 \\ 20 - 14 = 6 \end{array}$$

$$\begin{array}{r} 15 \\ 7 \quad 8 \\ 7 + 8 = 15 \\ 8 + 7 = 15 \\ 15 - 8 = 7 \\ 15 - 7 = 8 \end{array}$$

$$\begin{array}{r} 8 \\ 4 \quad 4 \\ 4 + 4 = 8 \\ 8 - 4 = 4 \end{array}$$

$$\begin{array}{r} 8 \\ 3 \quad 5 \\ 3 + 5 = 8 \\ 5 + 3 = 8 \\ 8 - 5 = 3 \\ 8 - 3 = 5 \end{array}$$

$$\begin{array}{r} 13 \\ 6 \quad 7 \\ 6 + 7 = 13 \\ 7 + 6 = 13 \\ 13 - 6 = 7 \\ 13 - 7 = 6 \end{array}$$

$$\begin{array}{r} 19 \\ 9 \quad 10 \\ 9 + 10 = 19 \\ 10 + 9 = 19 \\ 19 - 10 = 9 \\ 19 - 9 = 10 \end{array}$$

$$\begin{array}{r} 6 \\ 3 \quad 3 \\ 3 + 3 = 6 \\ 6 - 3 = 3 \end{array}$$

2 Join:

$3 + 3 =$

$2 + 2 =$

$4 + 4 =$

$6 + 6 =$

$7 + 7 =$

$9 - 5 =$

$10 - 2 =$

$8 - 2 =$

$15 -$

$5 - 3 =$

3 Join:

$4 + 5 =$

$• \text{ Three } •$

$• 10 - 1 =$

$3 + 2 =$

$• \text{ Nine } •$

$• 7 - 4 =$

$2 + 1 =$

$• \text{ Five } •$

$• 9 - 3 =$

$3 + 3 =$

$• \text{ Eight } •$

$• 7 - 2 =$

$4 + 3 =$

$• \text{ Six } •$

$• 12 - 4 =$

$4 + 4 =$

$• \text{ Four } •$

$• 5 - 8 =$

$2 + 2 =$

$• \text{ Seven } •$

$• 1 - 7 =$

4 Complete using ($<$, $=$ or $>$)

6

12

2

6

$4 + 2$

 $<$

$9 + 3$

$7 - 5$

 $<$

$9 - 3$

13

13

8

8

$8 + 5$

 $=$

$6 + 7$

$15 - 7$

 $=$

$12 - 4$

16

16

12

12

$12 + 4$

 $=$

Sixteen

$19 - 7$

 $=$

Twelve

18

17

11

14

$9 + 9$

 $>$

$20 - 3$

$16 - 5$

 $<$

$5 + 9$

10

20

19

9

$18 - 8$

 $<$

$17 + 3$

$Nineteen -$

 $>$

$7 + 2$

15

15

13

14

$Fifteen -$

 $=$

$17 - 2$

$Thirteen -$

 $<$

$8 + 6$

7

8

11

0

$9 - 2$

 $<$

$4 + 4$

$8 + 3$

 $>$

$5 - 5$

5 Complete:

$3 + 5 > 7$

$8 - 4 > 3$

$3 + 5 < 9$

$8 - 4 < 5$

$3 + 5 = 8$

$8 - 4 = 4$

$15 > 3 + 11$

$5 < 11 - 5$

$13 < 3 + 11$

$7 > 11 - 5$

$14 > 3 + 11$

$6 < 11 - 5$

$15 < 8 + 8$

$0 < 9 - 8$

$17 > 8 + 8$

$2 > 9 - 8$

$16 = 8 + 8$

$1 = 9 - 8$

$15 - 5 > 9$

$14 + 5 > 18$

$15 - 5 < 11$

$14 + 5 < 20$

$15 - 5 = 10$

$14 + 5 = 19$

Worksheet

14



Find the result:

- | | | | | | | | | | |
|---|-----|---|-----|---|-----|---|-----|---|-----|
| a | 4 | b | 5 | c | 6 | d | 9 | e | 12 |
| | + 8 | | + 7 | | - 6 | | - 5 | | - 7 |
| | 12 | | 12 | | 0 | | 4 | | 5 |

Complete the following:

- a 15 14 13 12 11 10 9
- b The number that comes just before 15 is 14
- c The number that comes just after 17 is 18
- d $3 + 5 = 8$
- e $8 < 9$

Answer the following:

- a Put { < , = or > }
- | | | | | | | | | |
|-----|---------|---|----|---|----|----------|---|----------|
| i | $2 + 5$ | > | 8 | 3 | ii | $12 - 4$ | = | Eight |
| iii | $5 + 5$ | = | 15 | 5 | iv | $9 - 5$ | < | Fourteen |
- b Arrange the following numbers in a descending order
- 9 , 2 , 12 , 7 , 5
- 12 9 7 5 2
- c Arrange the following numbers in an ascending order
- 7 , 20 , 0 , 6 , 13
- 0 , 5 , 7 , 13 , 20

Lesson

15

Fact Families

مجموعات حقائق الأعداد

Addition fact families

حقائق الجمع

Subtraction fact families

حقائق الطرح

First Addition Fact Families

1 Add to create fact families:

1 Family

$$1 + 0 = 1$$

$$1 + 1 = 2$$

$$1 + 2 = 3$$

$$1 + 3 = 4$$

$$1 + 4 = 5$$

$$1 + 5 = 6$$

$$1 + 6 = 7$$

$$1 + 7 = 8$$

$$1 + 8 = 9$$

$$1 + 9 = 10$$

$$1 + 10 = 11$$

2 Family

$$2 + 0 = 2$$

$$2 + 1 = 3$$

$$2 + 2 = 4$$

$$2 + 3 = 5$$

$$2 + 4 = 6$$

$$2 + 5 = 7$$

$$2 + 6 = 8$$

$$2 + 7 = 9$$

$$2 + 8 = 10$$

$$2 + 9 = 11$$

$$2 + 10 = 12$$

3 Family

$$3 + 0 = 3$$

$$3 + 1 = 4$$

$$3 + 2 = 5$$

$$3 + 3 = 6$$

$$3 + 4 = 7$$

$$3 + 5 = 8$$

$$3 + 6 = 9$$

$$3 + 7 = 10$$

$$3 + 8 = 11$$

$$3 + 9 = 12$$

$$3 + 10 = 13$$

4 Family

$$4 + 0 = 4$$

$$4 + 1 = 5$$

$$4 + 2 = 6$$

$$4 + 3 = 7$$

$$4 + 4 = 8$$

$$4 + 5 = 9$$

$$4 + 6 = 10$$

$$4 + 7 = 11$$

$$4 + 8 = 12$$

$$4 + 9 = 13$$

$$4 + 10 = 14$$

5 Family

$5 + 0 = 5$

$5 + 1 = 6$

$5 + 2 = 7$

$5 + 3 = 8$

$5 + 4 = 9$

$5 + 5 = 10$

$5 + 6 = 11$

$5 + 7 = 12$

$5 + 8 = 13$

$5 + 9 = 14$

$5 + 10 = 15$

6 Family

$6 + 0 = 6$

$6 + 1 = 7$

$6 + 2 = 8$

$6 + 3 = 9$

$6 + 4 = 10$

$6 + 5 = 11$

$6 + 6 = 12$

$6 + 7 = 13$

$6 + 8 = 14$

$6 + 9 = 15$

$6 + 10 = 16$

7 Family

$7 + 0 = 7$

$7 + 1 = 8$

$7 + 2 = 9$

$7 + 3 = 10$

$7 + 4 = 11$

$7 + 5 = 12$

$7 + 6 = 13$

$7 + 7 = 14$

$7 + 8 = 15$

$7 + 9 = 16$

$7 + 10 = 17$

8 Family

$8 + 0 = 8$

$8 + 1 = 9$

$8 + 2 = 10$

$8 + 3 = 11$

$8 + 4 = 12$

$8 + 5 = 13$

$8 + 6 = 14$

$8 + 7 = 15$

$8 + 8 = 16$

$8 + 9 = 17$

$8 + 10 = 18$

9 Family

$9 + 0 = 9$

$9 + 1 = 10$

$9 + 2 = 11$

$9 + 3 = 12$

$9 + 4 = 13$

$9 + 5 = 14$

$9 + 6 = 15$

$9 + 7 = 16$

$9 + 8 = 17$

$9 + 9 = 18$

$9 + 10 = 19$

10 Family

$10 + 0 = 10$

$10 + 1 = 11$

$10 + 2 = 12$

$10 + 3 = 13$

$10 + 4 = 14$

$10 + 5 = 15$

$10 + 6 = 16$

$10 + 7 = 17$

$10 + 8 = 18$

$10 + 9 = 19$

$10 + 10 = 20$

Second: Subtraction Fact Families

2 Subtract to create fact families:

1 Family

$1 - 0 = 1$

$1 - 1 = 0$

2 Family

$2 - 0 = 2$

$2 - 1 = 1$

$2 - 2 = 0$

3 Family

$3 - 0 = 3$

$3 - 1 = 2$

$3 - 2 = 1$

$3 - 3 = 0$

4 Family

$4 - 0 = 4$

$4 - 1 = 3$

$4 - 2 = 2$

$4 - 3 = 1$

$4 - 4 = 0$

5 Family

$5 - 0 = 5$

$5 - 1 = 4$

$5 - 2 = 3$

$5 - 3 = 2$

$5 - 4 = 1$

$5 - 5 = 0$

7 Family

$7 - 0 = 7$

$7 - 1 = 6$

$7 - 2 = 5$

$7 - 3 = 4$

$7 - 4 = 3$

$7 - 5 = 2$

$7 - 6 = 1$

$7 - 7 = 0$

9 Family

$9 - 0 = 9$

$9 - 1 = 8$

$9 - 2 = 7$

$9 - 3 = 6$

$9 - 4 = 5$

$9 - 5 = 4$

$9 - 6 = 3$

$9 - 7 = 2$

$9 - 8 = 1$

$9 - 9 = 0$

6 Family

$6 - 0 = 6$

$6 - 1 = 5$

$6 - 2 = 4$

$6 - 3 = 3$

$6 - 4 = 2$

$6 - 5 = 1$

$6 - 6 = 0$

8 Family

$8 - 0 = 8$

$8 - 1 = 7$

$8 - 2 = 6$

$8 - 3 = 5$

$8 - 4 = 4$

$8 - 5 = 3$

$8 - 6 = 2$

$8 - 7 = 1$

$8 - 8 = 0$

10 Family

$10 - 0 = 10$

$10 - 1 = 9$

$10 - 2 = 8$

$10 - 3 = 7$

$10 - 4 = 6$

$10 - 5 = 5$

$10 - 6 = 4$

$10 - 7 = 3$

$10 - 8 = 2$

$10 - 9 = 1$

$10 - 10 = 0$



1 Complete to create fact families

Family 1	2 Family	3 Family	4 Family
$1 + 0 = 1$	$2 + 0 = 2$	$3 + 0 = 3$	$4 + 0 = 4$
$1 + 1 = 2$	$2 + 1 = 3$	$3 + 1 = 4$	$4 + 1 = 5$
$1 + 2 = 3$	$2 + 2 = 4$	$3 + 2 = 5$	$4 + 2 = 6$
$1 + 3 = 4$	$2 + 3 = 5$	$3 + 3 = 6$	$4 + 3 = 7$
$1 + 4 = 5$	$2 + 4 = 6$	$3 + 4 = 7$	$4 + 4 = 8$
$1 + 5 = 6$	$2 + 5 = 7$	$3 + 5 = 8$	$4 + 5 = 9$
$1 + 6 = 7$	$2 + 6 = 8$	$3 + 6 = 9$	$4 + 6 = 10$
$1 + 7 = 8$	$2 + 7 = 9$	$3 + 7 = 10$	$4 + 7 = 11$
$1 + 8 = 9$	$2 + 8 = 10$	$3 + 8 = 11$	$4 + 8 = 12$
$1 + 9 = 10$	$2 + 9 = 11$	$3 + 9 = 12$	$4 + 9 = 13$
$1 + 10 = 11$	$2 + 10 = 12$	$3 + 10 = 13$	$4 + 10 = 14$

5 Family	6 Family	7 Family
$5 + 0 = 5$	$6 + 0 = 6$	$7 + 0 = 7$
$5 + 1 = 6$	$6 + 1 = 7$	$7 + 1 = 8$
$5 + 2 = 7$	$6 + 2 = 8$	$7 + 2 = 9$
$5 + 3 = 8$	$6 + 3 = 9$	$7 + 3 = 10$
$5 + 4 = 9$	$6 + 4 = 10$	$7 + 4 = 11$
$5 + 5 = 10$	$6 + 5 = 11$	$7 + 5 = 12$
$5 + 6 = 11$	$6 + 6 = 12$	$7 + 6 = 13$
$5 + 7 = 12$	$6 + 7 = 13$	$7 + 7 = 14$
$5 + 8 = 13$	$6 + 8 = 14$	$7 + 8 = 15$
$5 + 9 = 14$	$6 + 9 = 15$	$7 + 9 = 16$
$5 + 10 = 15$	$6 + 10 = 16$	$7 + 10 = 17$

LESSON 15 Four Families

8 Family

$$8 + 0 = 8$$

$$8 + 1 = 9$$

$$8 + 2 = 10$$

$$8 + 3 = 11$$

$$8 + 4 = 12$$

$$8 + 5 = 13$$

$$8 + 6 = 14$$

$$8 + 7 = 15$$

$$8 + 8 = 16$$

$$8 + 9 = 17$$

$$8 + 10 = 18$$

9 Family

$$9 + 0 = 9$$

$$9 + 1 = 10$$

$$9 + 2 = 11$$

$$9 + 3 = 12$$

$$9 + 4 = 13$$

$$9 + 5 = 14$$

$$9 + 6 = 15$$

$$9 + 7 = 16$$

$$9 + 8 = 17$$

$$9 + 9 = 18$$

$$9 + 10 = 19$$

10 Family

$$10 + 0 = 10$$

$$10 + 1 = 11$$

$$10 + 2 = 12$$

$$10 + 3 = 13$$

$$10 + 4 = 14$$

$$10 + 5 = 15$$

$$10 + 6 = 16$$

$$10 + 7 = 17$$

$$10 + 8 = 18$$

$$10 + 9 = 19$$

$$10 + 10 = 20$$

1 Family

$$1 + 0 = 1$$

$$1 + 1 = 2$$

2 Family

$$2 + 0 = 2$$

$$2 + 1 = 3$$

$$2 + 2 = 4$$

3 Family

$$3 + 0 = 3$$

$$3 + 1 = 4$$

$$3 + 2 = 5$$

$$3 + 3 = 6$$

4 Family

$4 - 0 = 4$

$4 - 1 = 3$

$4 - 2 = 2$

$4 - 3 = 1$

$4 - 4 = 0$

5 Family

$5 - 0 = 5$

$5 - 1 = 4$

$5 - 2 = 3$

$5 - 3 = 2$

$5 - 4 = 1$

$5 - 5 = 0$

6 Family

$6 - 0 = 6$

$6 - 1 = 5$

$6 - 2 = 4$

$6 - 3 = 3$

$6 - 4 = 2$

$6 - 5 = 1$

$6 - 6 = 0$

7 Family

$7 - 0 = 7$

$7 - 1 = 6$

$7 - 2 = 5$

$7 - 3 = 4$

$7 - 4 = 3$

$7 - 5 = 2$

$7 - 6 = 1$

$7 - 7 = 0$

8 Family

$8 - 0 = 8$

$8 - 1 = 7$

$8 - 2 = 6$

$8 - 3 = 5$

$8 - 4 = 4$

$8 - 5 = 3$

$8 - 6 = 2$

$8 - 7 = 1$

$8 - 8 = 0$

9 Family

$9 - 0 = 9$

$9 - 1 = 8$

$9 - 2 = 7$

$9 - 3 = 6$

$9 - 4 = 5$

$9 - 5 = 4$

$9 - 6 = 3$

$9 - 7 = 2$

$9 - 8 = 1$

$9 - 9 = 0$

10 Family

$10 - 0 = 10$

$10 - 1 = 9$

$10 - 2 = 8$

$10 - 3 = 7$

$10 - 4 = 6$

$10 - 5 = 5$

$10 - 6 = 4$

$10 - 7 = 3$

$10 - 8 = 2$

$10 - 9 = 1$

$10 - 10 = 0$

LESSON 15 File Explorer

2 Complete using (+ or -):

a $5 + 1 = 6$

b $10 - 6 = 4$

c $8 - 3 = 5$

d $4 + 0 = 4$

e $2 + 2 = 0$

f $7 + 2 = 9$

g $4 + 3 = 7$

h $8 - 6 = 2$

i $9 + 1 = 10$

j $9 - 7 = 2$

3 Choose the correct answer

a
$$\begin{array}{r} 4 \\ + 2 \\ \hline 6 \end{array}$$

b
$$\begin{array}{r} 10 \\ - 2 \\ \hline 8 \end{array}$$

c
$$\begin{array}{r} 4 \\ + 5 \\ \hline 9 \end{array}$$

d
$$\begin{array}{r} 1 \\ + 3 \\ \hline 4 \end{array}$$

{ 3 , 1 , 2 , 8 , 10 , 5 } { 2 , 8 , 4 } { 3 , 7 , 9 }

4 Match.

$2 + 1 = 3$

$1 + 6 = 7$

$10 - 5 = 5$

$7 - 7 = 0$

5

0

3

.

Worksheet

15



Complete the following

☐ $3 + 6 = 7$

☐ $4 + 1 = 3$

☐ $3 + 4 = 7$

☐ $9 - 8 = 1$

☐ $2 + 5 = 9 - 2$

Complete the following

☐ 14 comes just after 13

☐ 5 is 1 less than 6

☐ $4 + 1 = 5$

☐ 19 comes just before 20

☐ $4 > 3$

Answer the following:

☐ Put (< = or >)

☐ $3 + 5 = 2 + 6$

☐ Thirteen > $3 + 1$

☐ $4 + 7 = 7 + 4$

☐ $3 + 2 < 9$

☐ Arrange the following numbers in an ascending order

4 , 10 , 14 , 3 , 7

3 , 4 , 7 , 10 , 14

Lesson 16

Adding and Subtracting Using the Number Line

الجمع والطرح باستخدام خط الأعداد

First: Adding Using a Number Line

- 1 Determine the **largest** number on the number line.
- 2 Jump to the **right** by the **smallest** number

Example Add $(4 + 3)$



1 Add using the number line

- a $5 + 2 = 7$
-
- b $7 + 3 = 10$
-
- c $4 + 5 = 9$
-
- d $3 + 6 = 9$
-

Second Subtracting Using a Number Line

First Way

- 1 Determine the **largest** number
- 2 Jump to the **left** by the **smallest** number

$$6 - 2 =$$

Smallest Number



Second Way

- 1 Determine the **smallest** number
- 2 Jump to the **right** until you reach the **largest** number
- 3 Count the **jumps**.

$$6 - 2 =$$

Result (Jumps)



2 Subtract using the number line

$$7 - 3 = 4$$



$$9 - 7 = 2$$



$$10 - 4 = 6$$



$$5 - 5 = 0$$





1 Add using the number line

a $3 + 3 = 6$



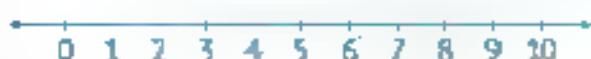
b $5 + 2 = 7$



c $4 + 5 = 9$



d $6 + 2 = 8$



e $7 + 3 = 10$

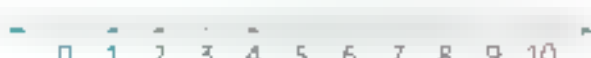


2 Subtract using the number line

a $8 - 2 = 6$



b $9 - 4 = 5$



c $2 - 2 = 0$



d $7 - 5 = 2$



e $10 - 6 = 4$



3 Write the addition problem shown on the number line:



4 Write the subtraction problem shown on the number line:



Worksheet 16



Choose the correct answer

3 + = 7

(3 7 4)

5 4 = 4

(0 8 4)

3 + 5 >

(7 8 9)

9 - = 4

(4 9 5)

8 - 2 = ?

(6 9 3)

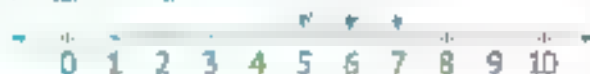
Complete the following

The number that comes just after 9 is **10**

5 + **5** > 9

The **addition problem** shown on the number line is

4 + 3 = 7



The **subtraction problem** shown on the number line is

7 - 3 = 4

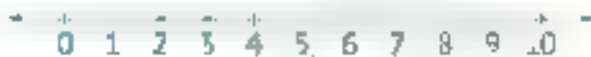


Add and subtract using the number line:

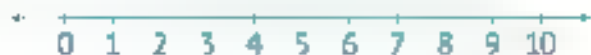
a $3 + 7 = 10$



b $5 + 3 = 8$



c $9 - 7 = 2$



d $10 - 4 = 6$



Lesson 17

The Time

نوقت

Analog clock الساعة ذات العقارب Digital clock الساعة الرقمية

First Analog Clock

Minutes Hand
عقرب الدقائق



Hours Hand
عقرب الساعات

It's 3 O'clock.

1 Write the time:



It's 7 O'clock



It's 9 O'clock.

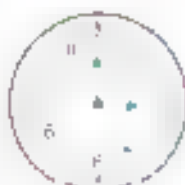


It's 2 O'clock

2 Draw the clock hands.



It's 7 O'clock



It's 3 O'clock



It's 2 O'clock

Second: Digital Clock

Hours
الساعات



Minutes
الدقائق

It's 4 O'clock

3 Write the time shown on the clock



It's 9 O'clock



It's 12 O'clock



It's 5 O'clock



It's 6 O'clock

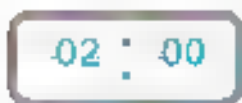


It's 4 O'clock

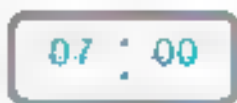


It's 3 O'clock

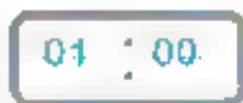
4 Write the time



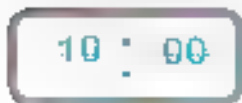
It's 2 O'clock



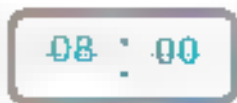
It's 7 O'clock



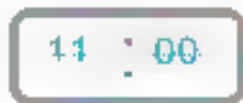
It's 1 O'clock



It's 10 O'clock



It's 8 O'clock



It's 11 O'clock

HOMEWORK



1 Write the time



It's 7 o'clock



It's 9 o'clock



It's 2 o'clock



It's 1 o'clock



It's 3 o'clock



It's 5 o'clock



It's 11 o'clock



It's 12 o'clock



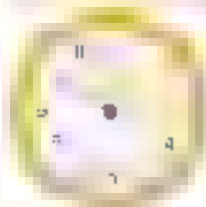
It's 4 o'clock



It's 6 o'clock



It's 8 o'clock



It's 10 o'clock

2 Draw the clock hands:



It's 1 O'clock



It's 3 O'clock



It's 5 O'clock



It's 7 O'clock



It's 9 O'clock



It's 11 O'clock



It's 2 O'clock



It's 4 O'clock



It's 6 O'clock



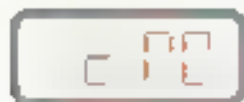
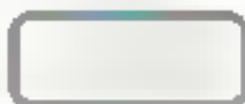
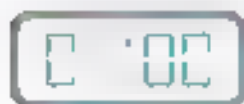
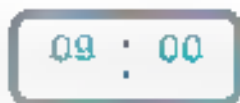
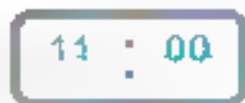
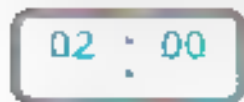
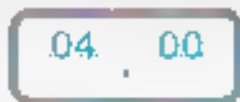
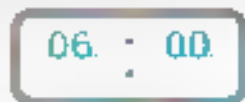
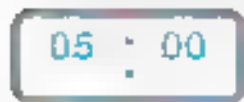
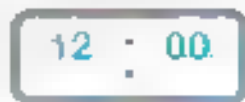
It's 8 O'clock



It's 10 O'clock



It's 12 O'clock

**3 Write the time shown on the clock**It's **12** O'clockIt's **2** O'clockIt's **4** O'clockIt's **6** O'clock.It's **8** O'clock.It's **10** O'clock.It's **1** O'clockIt's **3** O'clockIt's **5** O'clock.**4 Write the time**It's **7** O'clockIt's **9** O'clock.It's **11** O'clockIt's **2** O'clockIt's **4** O'clockIt's **6** O'clockIt's **5** O'clock.It's **0** O'clock.It's **12** O'clock.

Worksheet

17



Choose the correct answer

- ☐ Sixteen = (14 ☐ or 15 ☐ 16)
- ☐ The number between 17 is (15 ☐ 14 ☐ 16)
- ☐ The number after 11 is (12 ☐ 13 ☐ 20)
- ☐ $2 + \quad = 10$ (3 ☐ 8 ☐)
- ☐ $5 + 5 > \quad$ (11 ☐ 0 ☐ 9)



Second: Complete the following

- ☐ $19 - 5 < 15$ () The number after 9 is 20
- ☐ 20, 18, 16, 14, 12, 10
- ☐ 20 Twenty (20 ☐)
- ☐  the number of pens is 16



Answer the following:

☐ Match:

$2 + 2$	$3 + 3$	$4 + 4$	$5 + 5$	$6 + 6$
$8 - 2$	$11 - 7$	$17 - 5$	$12 - 4$	$15 - 5$

☐ Complete using $<$, $=$ or $>$

☐ Fifteen $>$ Eleven () Nine teen $= 5 + 14$

☐ $3 + 3 > 8 - 5$ () $0 + 10 > 7 + 6$

☐ Arrange the following numbers in an ascending order

3, 1, 15, 19, 8

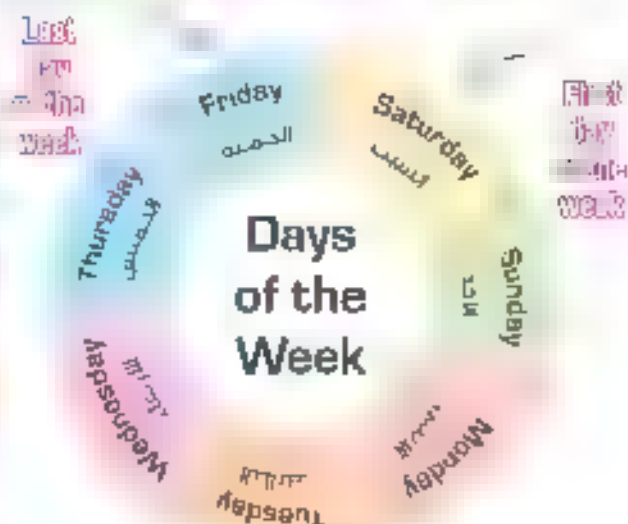
1, 3, 8, 15, 19

Lesson 18

Days of the Week

ايام الاسبوع

Day	يوم
Week	اسبوع
First	الأول
Last	الآخر
Yesterday	أمس
Today	اليوم
Tomorrow	غدا



1 Complete as in the example;

Yesterday	Today	Tomorrow
Sunday	Monday	Tuesday
Saturday	Sunday	Monday
Wednesday	Thursday	Friday
Monday	Tuesday	Wednesday
Friday	Saturday	Sunday

2 Complete.

- a The **last** day of the week is **Saturday**
- b The **last** day of the week is **Friday**
- c The day that comes just **after** Tuesday is **Wednesday**
- d The day that comes just **after** Monday is **Tuesday**
- e The day that comes just **before** Wednesday is **Tuesday**
- f The day that comes just **before** Sunday is **Saturday**
- g The day that comes just **after** Friday is **Saturday**
- h The day that comes just **before** Saturday is **Friday**
- i Saturday Sunday Monday **Tuesday** **Wednesday**
Thursday **Friday**
- j Friday Thursday Wednesday **Tuesday** **Monday**
Sunday **Saturday**

الأربعاء

Wednesday

الخميس

Thursday

الجمعة

Friday

1 Complete as in the example.

Yesterday	Today	Tomorrow
Sunday	Monday	Tuesday
Monday	Tuesday	Wednesday
Wednesday	Thursday	Friday
Tuesday	Wednesday	Thursday
Thursday	Friday	Saturday
Sunday	Monday	Tuesday
Saturday	Sunday	Monday
Thursday	Friday	Saturday
Wednesday	Thursday	Friday
Friday	Saturday	Sunday
Thursday	Friday	Saturday
Monday	Tuesday	Wednesday

2 Complete

The day that comes just after

- a Saturday is **Sunday**
- b Monday is **Tuesday**
- c Wednesday is **Thursday**
- d Friday is **Saturday**
- e Sunday is **Monday**
- f Tuesday is **Wednesday**
- g Thursday is **Friday**

The day that comes just before

- a Saturday is **Friday**
- b Monday is **Sunday**
- c Wednesday is **Tuesday**
- d Friday is **Thursday**
- e Sunday is **Saturday**
- f Tuesday is **Monday**
- g Thursday is **Wednesday**

3 Complete

- a The first day of the week is **Saturday**
- b The last day of the week is **Friday**
- c Saturday Sunday Monday Tuesday Wednesday
Thursday Friday .
- d Friday Thursday Wednesday Tuesday Monday
Sunday Saturday
- e Tuesday Wednesday Thursday Friday Saturday
Sunday Monday .



Worksheet

18



Choose the correct answer

1 The first day of the week is

(Sunday ☐ Saturday ☒ Friday)

2 The number just after 9 is

18 ☐ 19 ☒ 20

3 Twenty Twelve

(< ☒ >)

4 $6 +$ = 9

(15 ☐ 3 ☒ 4)

5 Seventeen

(7 ☐ 7 ☒ 10)

Second: Complete the following:

6 $5 + 8 =$ 13

7 $7 + 9 =$ 16

8 $9 - 5 =$ 4

9 $15 - 7 =$ 8

10 $5 + 7 + 3 =$ 15



Answer the following.

1 Complete using (< = or >)

2 $5 + 7$ 19 - 7

3 Sixteen < $2 + 6$

4 $8 - 8$ < $8 + 8$

5 $7 + 9$ > Thirteen

6 Arrange the following numbers in an ascending order

13 , 11 , 5 , 9 , 18
5 , 9 , 11 , 13 , 18

7 Write the time



It is 7 O'clock



It is 9 O'clock

8 Draw the clock hands



It is 3 O'clock



It is O'clock

Lesson 19

Word Problems (1)

The price

الـثمن

Pound (£)

جنيه

Money

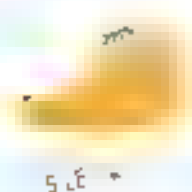
مفود

Piastre (PT)

قرش



6 £



5 £



8 £



12 £


1 Complete:

a The price of  and  = 6 + 5 = 11 £.

b The price of  and  = 8 + 12 = 20 £.

c The price of  and  = 6 + 12 = 18 £.

d The price of  and  = 5 + 8 = 13 £.

e The price of  ,  and  = 8 + 5 + 6 = 19 £.

2 Help Ahmed to calculate the remaining money



The money that Ahmed has	Items	Reminder
 100 LE	 6 LE	$\begin{array}{r} 100 \\ - 6 \\ \hline = 94 \text{ LE} \end{array}$
 20 LE	 5 LE	$\begin{array}{r} 20 \\ - 5 \\ \hline = 15 \text{ LE} \end{array}$
 10 LE	 8 LE	$\begin{array}{r} 10 \\ - 8 \\ \hline = 2 \text{ LE} \end{array}$
 20 LE	 7 LE	$\begin{array}{r} 20 \\ - 7 \\ \hline = 13 \text{ LE} \end{array}$
 2 LE	 9 LE	$\begin{array}{r} 2 \\ - 9 \\ \hline = -7 \text{ LE} \end{array}$

HOMEWORK



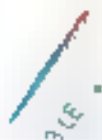
1 Complete:



2 LE



7 LE



3 LE



9 LE

a The price of  and  = $2 + 7 = 9$ LE

b The price of  and  = $3 + 9 = 12$ LE

c The price of  and  = $2 + 9 = 11$ LE

d The price of  and  = $3 + 7 = 10$ LE

e The price of  and  = $2 + 3 = 5$ LE

f The price of  and  = $7 + 9 = 16$ LE

g The price of  ,  and  = $2 + 7 + 3 = 12$ LE

2 Complete.



5 LE



9 LE



7 LE





7 LE

a The price of  and  = $5 + 7 = 12$ LE

b The price of  and  = $9 + 5 = 14$ LE

c The price of  and  = $7 + 9 = 16$ LE

d The price of  and  = $7 + 7 = 14$ LE

e The price of  and  = $5 + 7 = 12$ LE

f The price of  and  = $9 + 7 = 16$ LE

g The price of   and  = $7 + 7 + 5 = 19$ LE

3 Help Ahmed in calculating the remaining money



The money that Ahmed has	Items	Remainder
 10 LE	 2 LE	$10 - 2 = 8$ LE
 10 LE	 3 LE	$10 - 3 = 7$ LE
 10 LE	 5 LE	$10 - 5 = 5$ LE
 20 LE	 7 LE	$20 - 7 = 13$ LE
 20 LE	 10 LE	$20 - 10 = 10$ LE
 20 LE	 9 LE	$20 - 9 = 11$ LE

4 Help Ahmed in calculating the remaining money.

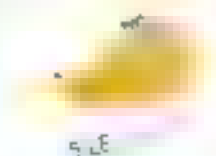


The money
that Ahmed has

Items

Remainder

5 LE



$$\begin{array}{r} 5 \\ - 5 \\ \hline 0 \end{array} \text{ LE}$$

8 LE



$$\begin{array}{r} 8 \\ - 8 \\ \hline 0 \end{array} \text{ LE}$$

11 LE



$$\begin{array}{r} 11 \\ - 7 \\ \hline 4 \end{array} \text{ LE}$$

15 LE



$$\begin{array}{r} 15 \\ - 5 \\ \hline 10 \end{array} \text{ LE}$$

13 LE



$$\begin{array}{r} 13 \\ - 3 \\ \hline 10 \end{array} \text{ LE}$$

18 LE



$$\begin{array}{r} 18 \\ - 7 \\ \hline 11 \end{array} \text{ LE}$$

Worksheet

19



Find the result:

☐ 8

+ 6

14

☐ 5

+ 7

12

☐ 12

+ 6

18

☐ 13

5

8

☐ 20

- 9

11



Complete the following

☐ The day that comes just after Monday is **Tuesday**

☐ The number that comes just after 15 is **16**

☐ **10** , **11** , 12, 13, **14** , **15** .

☐ $12 + 5 < \mathbf{18}$ ☐ $6 + \mathbf{2} = 8$



Answer the following:

☐ Complete using $<$, $=$ or $>$

☐ $7 + 7 > 9 - 7$

☐ Six $= 12 - 6$

☐ $9 - 9 < 9 + 9$

☐ $9 - 5 < \text{Thirteen}$

☐ Arrange the following numbers in a descending order

3 , 1 , 5 , 9 , 8

9 , **8** , **5** , **3** , **1**

☐ Write the time

It's **12** O'clock

It's **2** O'clock

7 : **00**

It's **7** O'clock

9 : **00**

It's **9** O'clock

Lesson 20

Word Problems (2)

Buy	يسترى	Have/has	يملك	Sum	مجموع
Bought	اشترى	Had	كان معه	Total	مجموع
Pay	يدفع	How much?	كم ثمنه؟	Together	معاً
Paid	دفع	How many?	كم عدد؟		

- 1 Aida bought milk for 12 LE and jam for 8 LE.

How much money did Aida pay?

• Aida paid = $12 + 8 = 20$ LE

- 2 Omar bought a pen for 3 LE and a book for 6 LE.

How much money did Omar pay?

• Omar paid = $3 + 6 = 9$ LE

- 3 Rana has 9 LE and Sara has 7 LE.

How much money do Rana and Sara have together?

• Rana and Sara have $9 + 7 = 16$ LE

- 4 Adam has 6 LE, Menna has 8 LE and Hana has 4 LE.

Find the sum of their money.

• Adam, Menna and Hana have $6 + 8 + 4 = 18$ LE.

Remainder	الباقى	Left	الباقى
Remaining	الباقى	Difference	الفرق

- 5 Alaa had 20 LE and she bought a dress for 16 LE.

Find the remaining money with Alaa.

• The remainder = $20 - 16 = 4$ LE.

- 6 Sara had 20 LE and she bought a pen for 5 LE.

Find the remaining money with Sara.

• The remainder = $20 - 5 = 15$ LE.

- 7 Samia had 10 apples and she ate 3 apples.

How many apples are remaining?

• The remainder = $10 - 3 = 7$ apples

- 8 Omar had 20 LE. He bought a pen for 3 LE

and a book for 6 LE.

Find the remaining money with Omar.

• Omar paid = $6 + 3 = 9$ LE

• The remainder = $20 - 9 = 11$ LE.

- 9 Adam had 15 LE. He bought a bag for 7 LE.

and a ruler for 2 LE.

Find the remaining money with Adam.

• Adam paid = $2 + 5 = 7$ LE

• The remainder = $15 - 7 = 8$ LE

HOMEWORK



- 1 Alaa bought milk for 10 LE and a pencil for 7 LE.
How much money did Alaa pay?

• Alaa paid = $10 + 7 = 17$ LE

- 2 Omar bought crayons for 12 LE and a pen for 5 LE.
How much money did Omar pay?

• Omar paid = $12 + 5 = 17$ LE.

- 3 Emon bought a ring for 11 LE and a key for 3 LE.
How much money did Emon pay?

• Emon paid $11 + 3 = 14$ LE

- 4 Hana bought a ruler for 7 LE and a pen for 6 LE.
How much money did Hana pay?

• Hana paid = $7 + 6 = 13$ LE

- 5 Adham bought a notebook for 5 LE, a ruler for 6 LE
and a pencil for 3 LE.

How much money did Adham pay?

• Adham paid = $5 + 6 + 3 = 14$ LE

- 6 Sara has 5 pens, and Mona has 7 pens.

How many pens do Sara and Mona have?

• Sara and Mona have = $5 + 7 = 12$ pens

- 7 Alaa has 4 LE and Nada has 9 LE.

How much money do they have together?

• They have $4 + 9 = 13$ LE

- 8 Ali has 7 balloons, and Fady has 8 balloons.

How many balloons do they have?

• They have = $7 + 8 = 15$ balloons

- 9 Samah has 3 books, Ayman has 7 books, and Eman has 8 books.

How many books do they have?

• They have = $3 + 7 + 8 = 18$ books.

- 10 Salah has 7 LE and his father gave him 9 LE.

How much money does Salah have?

• Salah has = $7 + 9 = 16$ LE

- 11 Alaa had 12 LE and she bought a bag for 8 LE.

Find the remaining money with Alaa

• The remainder = $12 - 8 = 4$ LE

- 12 Sara had 20 LE and she bought a pen for 5 LE.

Find the remaining money with Sara.

• The remainder = $20 - 5 = 15$ LE

- 13 Hanan had 20 LE and she bought a bag for 7 LE.

Find the remaining money with Hanan.

• The remainder = $20 - 7 = 13$ LE

- 14 Nada had 15 LE and she bought a book for 10 LE.

Find the remaining money with Nada.

• The remainder = $15 - 10 = 5$ LE

- 15 Samir had 7 apples and he ate 2 apples.

How many apples are remaining?

• The remainder = $7 - 2 = 5$ apples

- 16 Samir had 12 sweets and he ate 5 sweets.

How many sweets are remaining?

• The remainder = $12 - 5 = 7$ sweets.

- 17 Omar had 20 LE. He bought a pen for 3 LE and a book for 6 LE.

Find the remaining money with Omar.

• Omar paid $3 + 6 = 9$ LE

• The remainder = $20 - 9 = 11$ LE

- 18** Ahmed had 13 £. He bought a book for 4 £ and a pen for 3 £.

Find the remaining money with Ahmed

- Ahmed paid $4 + 3 = 7$ £
- The remainder = $13 - 7 = 6$ £.

- 19** Adam had 15 £. He bought a book for 5 £ and a pen for 2 £.

Find the remaining money with Adam.

- Adam paid $= 5 + 2 = 7$ £
- The remainder = $15 - 7 = 8$ £.

- 20** Fatma had 20 £

She bought a book for 4 £ and a car for 5 £.

Find the remaining money with Fatma

- Fatma paid $= 4 + 5 = 9$ £
- The remainder = $20 - 9 = 11$ £.

20

 Find the result.

9
7

Answered: Complete the following.

Q The day just _____ Friday is Saturday.

7 $5 + 8 < 14$ 8 18 w Eighteen

 Answer the following.

3, 19, 4, 9, 2
2, 3, 4, 9, 19

1 $9 + 7 > 9 - 3$ 2 $2 < \text{Twenty}$

8-8 < 6+4 3 = Three



It's 3 o'clock, it's 1 o'clock, it's 5 o'clock

How many balls do they have together?

• They have = $12 + 8 = 20$ balls

Lesson 21

Ones and Tens

الأحاد والعشرات

20	Twenty	30	Thirty	40	Forty
50	Fifty	60	Sixty	70	Seventy
80	Eighty	90	Ninety	100	One hundred

1 Complete as in the example:

E

Ten
Ten
Ten

3 Tens = 30

Thirty

a

Ten Ten

2 Tens = 20

Twenty

b

Ten
Ten
Ten
Ten
Ten

5 Tens = 50

Fifty

c

Ten Ten Ten
Ten
Ten Ten Ten

6 Tens = 60

Sixty



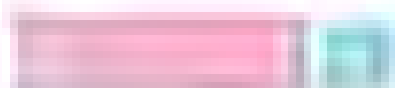
$$4 \text{ Tens} + 6 \text{ Ones} = 46 \text{ Forty six}$$

2 Write the number (as in the example):



$$2 \text{ Tens} + 6 \text{ Ones} = 26$$

Twenty six



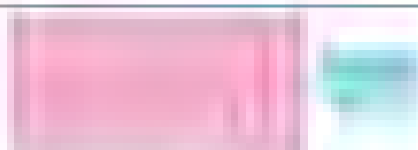
$$3 \text{ Tens} + 4 \text{ Ones} = 34$$

Thirty four



$$4 \text{ Tens} + 3 \text{ Ones} = 43$$

Forty three



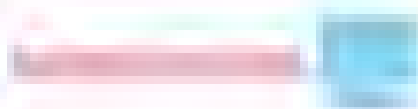
$$5 \text{ Tens} + 5 \text{ Ones} = 55$$

Fifty five



$$5 \text{ Tens} + 9 \text{ Ones} = 59$$

Fifty nine



$$1 \text{ Ten} + 8 \text{ Ones} = 18$$

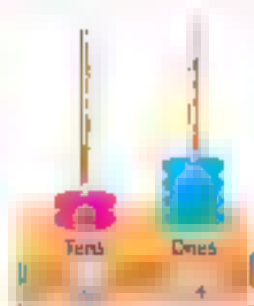
Eighteen

3 Write the numbers shown on the abacus.

E



Forty six



Twenty four



Fifty two



Ninety



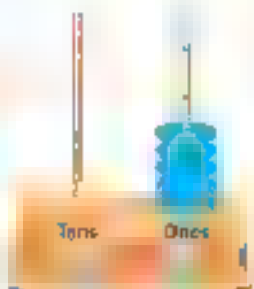
Seventy one



Thirty eight



Seventeen



Five

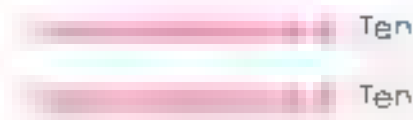


Sixty three

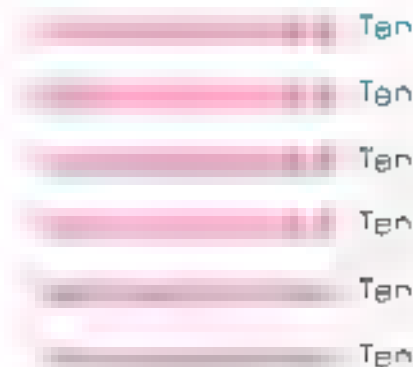
HOMEWORK



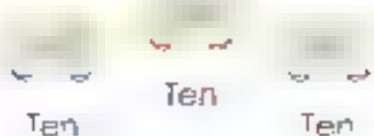
1 Write the number



2 Tens = 20
Twenty



6 Tens = 60
Sixty



3 Tens = 30
Thirty



5 Tens = 50
Fifty

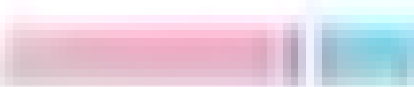


7 Tens = 70
Seventy



9 Tens = 90
Ninety

2 Write the number



2 Tens + 6 Ones = 26
Twenty Six



3 Tens + 4 Ones = 34
Thirty Four



4 Tens + 2 Ones = 42
Forty Two



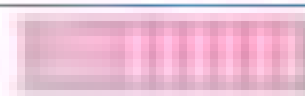
5 Tens + 8 Ones = 58
Fifty Eight



面



$\frac{1}{2} \rightarrow \frac{1}{2}$

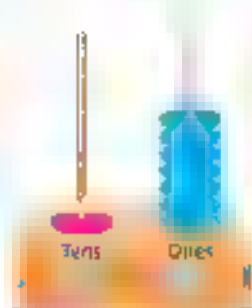


1111

3 Write the number shown on the abacus.



Eight



Seventeen



Thirty five



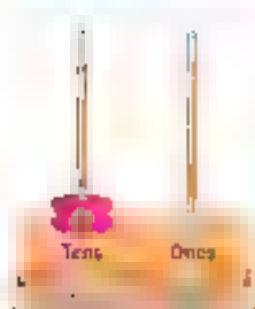
Fifty four



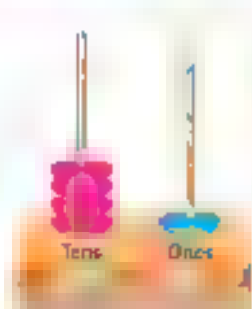
Seventy three



Ninety two



Twenty



Thirty one



Sixty eight

4 Write the number shown on the abacus.



Ninety nine



Sixty eight



Thirty seven



Eighty six



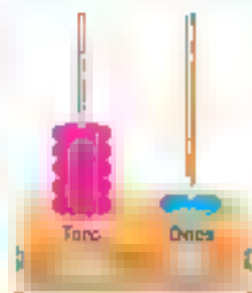
Forty five



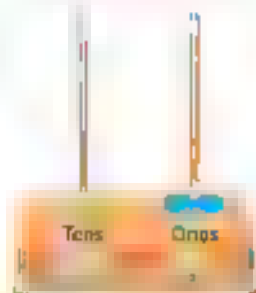
Twenty four



Seventy three



Fifty one



One

Worksheet

21

First: Find the result.

8 + 8 = 16

20 - 7 = 13

$$\begin{array}{r} 9 \\ + 9 \\ \hline 18 \end{array}$$

$$\begin{array}{r} 17 \\ + 3 \\ \hline 20 \end{array}$$

$$\begin{array}{r} 3 \\ + 5 \\ \hline 8 \end{array}$$

Second: Complete the following

5 + 7 = 12

The number that comes after 7 is 8

The day that comes after Thursday is Friday

15 < 8 9 is written as Nineteen

Third: Answer the following:

Arrange the following numbers in an ascending order

8 , 9 , 19 , 8 , 17

8 9 17 18 19

Complete using (<, = or >)

5 + 9 > 11 + 4 12 < Twenty

10 = 6 + 4 19 > Three

Yasmina had £20. She bought sweets for £8.
Find the remaining money with Yasmina.

The remainder = 20 - 8 = 12 £

Write the time Write the number shown on the abacus



It's 4 o'clock



Fifty four

Lesson 22

Numbers up to 100

$$\begin{array}{r} \text{T} \quad \text{O} \\ 5 \text{ Tens} + 4 \text{ Ones} = \begin{array}{|c|c|} \hline 5 & 4 \\ \hline \end{array} \\ \text{Fifty four} \end{array}$$

$$\begin{array}{r} \text{T} \quad \text{O} \\ 3 \text{ Ones} + 6 \text{ Tens} = \begin{array}{|c|c|} \hline 6 & 3 \\ \hline \end{array} \\ \text{Sixty three} \end{array}$$

$$\begin{array}{r} \text{T} \quad \text{O} \\ 4 \text{ Tens} + 5 \text{ Ones} = \begin{array}{|c|c|} \hline 4 & 5 \\ \hline \end{array} \\ \text{Forty five} \end{array}$$

$$\begin{array}{r} \text{T} \quad \text{O} \\ 6 \text{ Ones} + 3 \text{ Tens} = \begin{array}{|c|c|} \hline 3 & 6 \\ \hline \end{array} \\ \text{Thirty six} \end{array}$$

1 Complete:

- a 8 Tens + 5 Ones = **85** (in words) **Eighty five**
- b 7 Tens + 2 Ones = **72** (in words) **Seventy two**
- c 6 Tens + 9 Ones = **69** (in words) **Sixty nine**
- d 5 Tens + 7 Ones = **57** (in words) **Fifty seven**
- e 4 Tens + 0 Ones = **40** (in words) **Forty**
- f 3 Ones + 8 Tens = **83** (in words) **Eighty three**
- g 2 Ones + 3 Tens = **32** (in words) **Thirty two**
- h 8 Ones + 4 Tens = **48** (in words) **Forty eight**
- i 9 Ones + 2 Tens = **29** (in words) **Twenty nine**
- j 5 Ones + 1 Ten = **15** (in words) **Fifteen**

2 Complete:

- a 7 Tens + 5 Ones = 35 (in words) **Seventy five**
- b 3 Tens + 2 Ones = 32 (in words) **Thirty two**
- c 8 Tens + 5 Ones = 85 (in words) **Eighty five**
- d 3 Tens + 8 Ones = 38 (in words) **Thirty eight**
- e 8 Tens + 8 Ones = 88 (in words) **Eighty eight**
- f 2 Tens + 1 Ten = 21 (in words) **Twenty one**
- g 8 Tens + 2 Tens = 28 (in words) **Twenty eight**
- h 6 Tens + 3 Tens = 36 (in words) **Thirty six**
- i 2 Tens + 2 Tens = 22 (in words) **Twenty two**
- j 1 Ten + 3 Tens = 31 (in words) **Thirty one**

Ten Ten Ten Ten Ten

Ten Ten Ten Ten Ten

10 Tens = 100

3 + 3 + 3 + 3 = 12

12 Ones = 12

- 7 Tens = **70**
- 2 Tens = **20**
- 6 Tens = **60**
- 9 Ones = **9**
- 15 Ones = **15**
- 0 Ones = **0**
- 5 Tens = **50**
- 1 Ten = **10**
- 9 Ones = **9**
- 5 Tens = **50**
- 10 Tens = **100**
- 9 Tens = **90**
- 8 Ones = **8**
- 20 Ones = **20**
- 35 Ones = **35**
- 5 Ones = **5**
- 29 Ones = **29**
- 3 Tens = **30**

HOMEWORK



1 Complete.

- a Ten + 9 Ones = **19** (in words) **Nineteen**
- b 2 Tens + 7 Ones = **27** (in words) **Twenty seven**
- c 3 Tens + 5 Ones = **35** (in words) **Thirty five**
- d 4 Tens + 3 Ones = **43** (in words) **Forty three**
- e 5 Tens + 1 One = **51** (in words) **Fifty one**
- f 6 Tens + 8 Ones = **68** (in words) **Sixty eight**
- g 7 Tens + 6 Ones = **76** (in words) **Seventy six**
- h 4 Ones + 8 Tens = **84** (in words) **Eighty four**
- i 2 Ones + 9 Tens = **92** (in words) **Ninety two**
- j 8 Ones + 0 Tens = **8** (in words) **Eight**
- k 7 Ones + 1 Ten = **17** (in words) **Seventeen**
- l 6 Ones + 2 Tens = **26** (in words) **Twenty six**
- m 0 Ones + 3 Tens = **30** (in words) **Thirty**
- n 5 Ones + 4 Tens = **45** (in words) **Forty five**

2 Complete

- a 9 Tens + 9 Ones = 99 (in words) **Ninety nine**
- b 8 Tens + 7 Ones = 87 (in words) **Eighty seven**
- c 7 Tens + 5 Ones = 75 (in words) **Seventy five**
- d 6 Tens + 3 Ones = 63 (in words) **Sixty three**
- e 5 Tens + 1 One = 51 (in words) **Fifty one**
- f 4 Tens + 8 Ones = 48 (in words) **Forty eight**
- g 3 Tens + 6 Ones = 36 (in words) **Thirty six**
- h 2 Tens + 4 Ones = 24 (in words) **Twenty four**
- i 2 Ones + 1 Ten = 12 (in words) **Twelve**
- j 8 Ones + 0 Tens = 8 (in words) **Eight**
- k 0 Ones + 2 Tens = 20 (in words) **Twenty**
- l 9 Ones + 4 Tens = 49 (in words) **Forty nine**
- m 8 Ones + 5 Tens = 58 (in words) **Fifty eight**
- n 7 Ones + 6 Tens = 67 (in words) **Sixty seven**
- o 6 Ones + 7 Tens = 76 (in words) **Seventy six**

3 Complete.

- a 9 Tens + 9 Ones = 99 (In words) **Ninety nine.**
- b 3 Ones + 8 Tens = 83 (In words) **Eighty three.**
- c 3 Tens + 5 Ones = 35 (In words) **Thirty five**
- d 7 Ones + 9 Tens = 97 (In words) **Ninety seven**
- e 9 Tens + 5 Ones = 95 (In words) **Ninety five**
- f 4 Ones + 8 Tens = 84 (In words) **Eighty four**
- g 7 Tens + 2 Ones = 72 (In words) **Seventy two.**
- h 8 Ones + 1 Ten = 18 (In words) **Eighteen.**
- i 8 Tens + 0 Ones = 80 (In words) **Eighty**
- j 5 Ones + 2 Tens = 25 (In words) **Twenty five**
- k 1 Ten + 3 Ones = 13 (In words) **Thirteen**
- l 1 One + 3 Tens = 31 (In words) **Thirty one**
- m 2 Tens + 5 Ones = 25 (In words) **Twenty five.**
- n 6 Ones + 6 Tens = 66 (In words) **Sixty six**
- o 6 Ones + 1 Ten = 16 (In words) **Sixteen.**

4 Complete:

- a Ten = 10 b Ones = 11 c 3 Tens = 30
 d 5 Ones = 5 e 7 Tens = 70 f 28 Ones = 28
 g 9 Tens = 90 h 45 Ones = 45 i 2 Tens = 20
 j 73 Ones = 73 k 2 Tens = 20 l 50 Ones = 50
 m 6 Tens = 60 n 88 Ones = 88 o 5 Tens = 80
 p 8 Ones = 8 q Tens = 100 r 9 Ones = 91
 s 4 Tens = 90 t 2 Ones = 12 u 7 Tens = 0
 v 62 Ones = 62 w 4 Tens = 40 x 30 Ones = 30

5 Complete:

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90

Worksheet



Choose the correct answer

☐ Sixty nine $69 =$ ☐ 99 ☒ 69 ☐ 96☐ $8 >$ ☐ 17 ☒ 19 ☐ 18☐ The number just before 10 is☐ 7 ☒ 8 ☐ 9☐ The day just before Tuesday isFriday ☒ Monday ☐ Tuesday☐ 7 Tens + 3 Ones =☐ 73 ☒ 37 ☐ 77

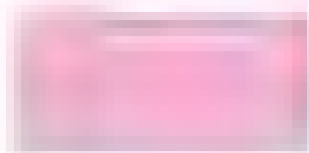
Complete the following.

☐ 13, 12, 11, 10, 9, 8☐ The number after 6 is 7 ☐ 9 Tens + 3 Ones = 93☐ $15 - 5 < 11$ ☐ 63 $63 > 15$ ☒ Sixty three

Answer the following:

☐ Arrange the following numbers in an ascending order

9	14	7	4	17
4	7	9	14	17

☐ Complete using ($<$ or $>$)☐ $19 + 1 > 19 - 1$ ☐ 7 $<$ Seventeen☐ $15 - 8 < 4 + 4$ ☐ 4 = Fourteen☐ Write the number

5 tens + 9 Ones = 59

Fifty nine



1 ten + 4 Ones = 14

Fourteen

Lesson 23

Using the 100 Chart

استخدام مخطط الـ 100

91	9	92	94	95	96	97	98	99	100
81	82	83	84	85	86	87	88	89	90
	72	73	74	75	76		78	79	80
61	62	63	64	65	66	67	68	69	70
		53	54	55	56	57	58	59	60
41	42	43	44	45	46	47	48	49	50
		33	34	35	36		38	39	40
21			23	24	25	26	27	28	29
			13	14	15	16	17	18	19
11	12	13	14	15	16	17	18	19	20

1 Answer the following.

- Circle the numbers containing the digit 6.
- Color the numbers containing the digit 0.
- Underline the numbers from 30 to 40.

2 Complete by using the "

a 30 31 32 **33** 34 35

b 65 66 67 68 **69** 70 71

c **78** 79 80 81 82 83 84

d 95 94 93 92 **91** 90 89

e 54 53 **52** 51 50 49 48

Adding Using the 100 Chart Within 20

1 Start from the **largest** number

2 Jump to the **right** by the **smallest** number

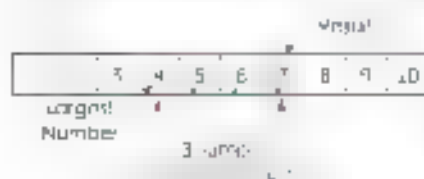
E $4 + 3 =$.

1 Start from 4

2 Jump to the right 3 jumps.



largest Number 3 jumps result

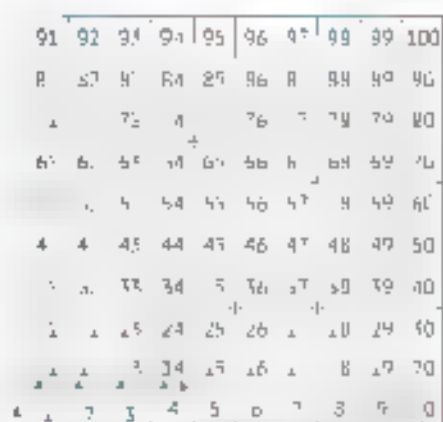


So $4 + 3 = 7$

E $9 + 5 =$.

1 Start from 9

2 Jump to the right 5 jumps.



5 jumps result



So $9 + 5 = 14$

Subtracting Using the 100 Chart Within 20

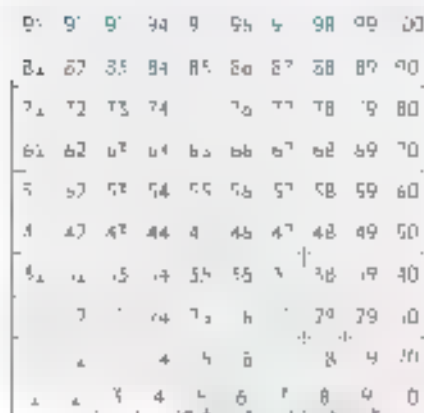
1 Start from the **largest** number

2 Jump to the **left** by the **smallest** number

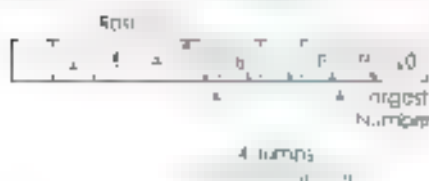
E $9 - 4 = \underline{\quad}$

1 Start from 9

2 Jump to the left 4 jumps



4 jumps

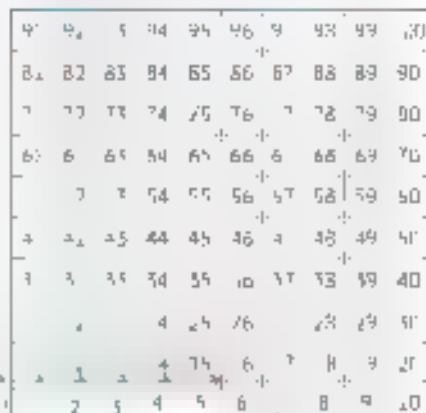


So, $9 - 4 = 5$

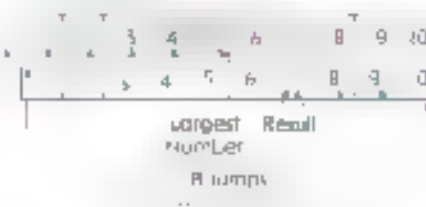
E $15 - 8 = \underline{\quad}$

1 Start from 15

2 Jump to the left 8 jumps



8 jumps



So, $15 - 8 = 7$

3 Use the following **100 charts** to find:

a $4 + 3 =$ **7**

0	01	02	03	04	05	06	07	08	09	10
1	11	12	13	14	15	16	17	18	19	20
2	21	22	23	24	25	26	27	28	29	30
3	31	32	33	34	35	36	37	38	39	40
4	41	42	43	44	45	46	47	48	49	50
5	51	52	53	54	55	56	57	58	59	60
6	61	62	63	64	65	66	67	68	69	70
7	71	72	73	74	75	76	77	78	79	80
8	81	82	83	84	85	86	87	88	89	90
9	91	92	93	94	95	96	97	98	99	100

b $9 - 6 =$ **3**

0	01	02	03	04	05	06	07	08	09	10
1	11	12	13	14	15	16	17	18	19	20
2	21	22	23	24	25	26	27	28	29	30
3	31	32	33	34	35	36	37	38	39	40
4	41	42	43	44	45	46	47	48	49	50
5	51	52	53	54	55	56	57	58	59	60
6	61	62	63	64	65	66	67	68	69	70
7	71	72	73	74	75	76	77	78	79	80
8	81	82	83	84	85	86	87	88	89	90
9	91	92	93	94	95	96	97	98	99	100

c $7 + 2 =$ **19**

0	01	02	03	04	05	06	07	08	09	10
1	11	12	13	14	15	16	17	18	19	20
2	21	22	23	24	25	26	27	28	29	30
3	31	32	33	34	35	36	37	38	39	40
4	41	42	43	44	45	46	47	48	49	50
5	51	52	53	54	55	56	57	58	59	60
6	61	62	63	64	65	66	67	68	69	70
7	71	72	73	74	75	76	77	78	79	80
8	81	82	83	84	85	86	87	88	89	90
9	91	92	93	94	95	96	97	98	99	100

d $15 - 8 =$ **7**

0	01	02	03	04	05	06	07	08	09	10
1	11	12	13	14	15	16	17	18	19	20
2	21	22	23	24	25	26	27	28	29	30
3	31	32	33	34	35	36	37	38	39	40
4	41	42	43	44	45	46	47	48	49	50
5	51	52	53	54	55	56	57	58	59	60
6	61	62	63	64	65	66	67	68	69	70
7	71	72	73	74	75	76	77	78	79	80
8	81	82	83	84	85	86	87	88	89	90
9	91	92	93	94	95	96	97	98	99	100



1 Answer the following:

a Circle the numbers
containing the digit **6**

b Color the numbers
containing the digit **0**

c Underline the numbers
from **50** to **60**

71	72	73	74	75	76	77	78	79	80
61	62	63	64	65	66	67	68	69	70
51	52	53	54	55	56	57	58	59	60
41	42	43	44	45	46	47	48	49	50
31	32	33	34	35	36	37	38	39	40
21	22	23	24	25	26	27	28	29	30
11	12	13	14	15	16	17	18	19	20
01	02	03	04	05	06	07	08	09	10

2 Complete by using the 100 chart

a 60 , 61 **62** **63** **64** **65** **66** **67**

b 72 , 73 **74** , **75** , **76** , **77** , **78** **79**

c 85 , 84 **83** **82** **81** **80** **79** **78**

d 47 , 46 **45** , **44** , **43** **42** **41** **40**

e **33** **34** **35** 36 37 **38** **39** **40**

f **10** 20 30 **40** **50** **60** **70** **80**

3 Complete the following 100 charts.

91	92	93	94	95	96	97	98	99	100
81	82	83	84	85	86	87	88	89	90
71	72	73	74	75	76	77	78	79	80
61	62	63	64	65	66	67	68	69	70
51	52	53	54	55	56	57	58	59	60
41	42	43	44	45	46	47	48	49	50
31	32	33	34	35	36	37	38	39	40
21	22	23	24	25	26	27	28	29	30
11	12	13	14	15	16	17	18	19	20
1	2	3	4	5	6	7	8	9	10

91	92	93	94	95	96	97	98	99	100
81	82	83	84	85	86	87	88	89	90
71	72	73	74	75	76	77	78	79	80
61	62	63	64	65	66	67	68	69	70
51	52	53	54	55	56	57	58	59	60
41	42	43	44	45	46	47	48	49	50
31	32	33	34	35	36	37	38	39	40
21	22	23	24	25	26	27	28	29	30
1	12	13	14	15	16	17	18	19	20
1	2	3	4	5	6	7	8	9	10

4 Use the following 100 charts to find

Ⓐ $12 + 5 =$ **17** $+$

0	1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20	
21	22	23	24	25	26	27	28	29	30	
31	32	33	34	35	36	37	38	39	40	
41	42	43	44	45	46	47	48	49	50	
51	52	53	54	55	56	57	58	59	60	
61	62	63	64	65	66	67	68	69	70	
71	72	73	74	75	76	77	78	79	80	
81	82	83	84	85	86	87	88	89	90	
91	92	93	94	95	96	97	98	99	100	

Ⓑ $18 - 7 =$ **11**

0	1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20	
21	22	23	24	25	26	27	28	29	30	
31	32	33	34	35	36	37	38	39	40	
41	42	43	44	45	46	47	48	49	50	
51	52	53	54	55	56	57	58	59	60	
61	62	63	64	65	66	67	68	69	70	
71	72	73	74	75	76	77	78	79	80	
81	82	83	84	85	86	87	88	89	90	
91	92	93	94	95	96	97	98	99	100	

Ⓒ $6 + 2 =$ **8**

0	1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20	
21	22	23	24	25	26	27	28	29	30	
31	32	33	34	35	36	37	38	39	40	
41	42	43	44	45	46	47	48	49	50	
51	52	53	54	55	56	57	58	59	60	
61	62	63	64	65	66	67	68	69	70	
71	72	73	74	75	76	77	78	79	80	
81	82	83	84	85	86	87	88	89	90	
91	92	93	94	95	96	97	98	99	100	

Ⓓ $10 - 3 =$ **7**

0	1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20	
21	22	23	24	25	26	27	28	29	30	
31	32	33	34	35	36	37	38	39	40	
41	42	43	44	45	46	47	48	49	50	
51	52	53	54	55	56	57	58	59	60	
61	62	63	64	65	66	67	68	69	70	
71	72	73	74	75	76	77	78	79	80	
81	82	83	84	85	86	87	88	89	90	
91	92	93	94	95	96	97	98	99	100	

4 + 5 = 9

91	92	93	94	95	96	97	98	99	100
81	82	83	84	85	86	87	88	89	90
71	72	73	74	75	76	77	78	79	80
61	62	63	64	65	66	67	68	69	70
51	52	53	54	55	56	57	58	59	60
41	42	43	44	45	46	47	48	49	50
31	32	33	34	35	36	37	38	39	40
21	22	23	24	25	26	27	28	29	30
11	12	13	14	15	16	17	18	19	20
1	2	3	4	5	6	7	8	9	10

4 + 5 = 9

16 + 6 = 22

91	92	93	94	95	96	97	98	99	100
81	82	83	84	85	86	87	88	89	90
71	72	73	74	75	76	77	78	79	80
61	62	63	64	65	66	67	68	69	70
51	52	53	54	55	56	57	58	59	60
41	42	43	44	45	46	47	48	49	50
31	32	33	34	35	36	37	38	39	40
21	22	23	24	25	26	27	28	29	30
11	12	13	14	15	16	17	18	19	20
1	2	3	4	5	6	7	8	9	10

16 + 6 = 22

9 + 7 = 16

91	92	93	94	95	96	97	98	99	100
81	82	83	84	85	86	87	88	89	90
71	72	73	74	75	76	77	78	79	80
61	62	63	64	65	66	67	68	69	70
51	52	53	54	55	56	57	58	59	60
41	42	43	44	45	46	47	48	49	50
31	32	33	34	35	36	37	38	39	40
21	22	23	24	25	26	27	28	29	30
11	12	13	14	15	16	17	18	19	20
1	2	3	4	5	6	7	8	9	10

9 + 7 = 16

17 + 3 = 20

91	92	93	94	95	96	97	98	99	100
81	82	83	84	85	86	87	88	89	90
71	72	73	74	75	76	77	78	79	80
61	62	63	64	65	66	67	68	69	70
51	52	53	54	55	56	57	58	59	60
41	42	43	44	45	46	47	48	49	50
31	32	33	34	35	36	37	38	39	40
21	22	23	24	25	26	27	28	29	30
11	12	13	14	15	16	17	18	19	20
1	2	3	4	5	6	7	8	9	10

17 + 3 = 20

Worksheet 23

Page



Choose the correct answer

☐ 94 [in words] =

(Ninety four ☐ Forty nine ☐ Ninety)

☐ The day that comes just ~~after~~ Friday is

(Sunday ☐ Thursday ☐ Saturday)

☐ The number just before 90 is

(91 ☐ 89 ☐ 90)

☐ 9 Tens + 5 Ones =

(59 ☐ 95 ☐ 14)

☐ 15 > 9

(5 ☐ 6 ☐ 7)



Complete the following

☐ The number 38 comes just ~~before~~ 39

☐ 6 Ones + 7 Tens = 76

☐ $15 - 7 = 8$

☐ $9 + 8 = 17$

☐ 42 43 44 45 46 47 48



Use the 100 chart to find:

☐ $9 + 7 = 16$

☐ $16 - 7 = 9$

91	92	93	94	95	96	97	98	99	100
81	82	83	84	85	86	87	88	89	90
71	72	73	74	75	76	77	78	79	80
61	62	63	64	65	66	67	68	69	70
51	52	53	54	55	56	57	58	59	60
41	42	43	44	45	46	47	48	49	50
31	32	33	34	35	36	37	38	39	40
21	22	23	24	25	26	27	28	29	30
11	12	13	14	15	16	17	18	19	20
1	2	3	4	5	6	7	8	9	0

91	92	93	94	95	96	97	98	99	100
81	82	83	84	85	86	87	88	89	90
71	72	73	74	75	76	77	78	79	80
61	62	63	64	65	66	67	68	69	70
51	52	53	54	55	56	57	58	59	60
41	42	43	44	45	46	47	48	49	50
31	32	33	34	35	36	37	38	39	40
21	22	23	24	25	26	27	28	29	30
11	12	13	14	15	16	17	18	19	20
1	2	3	4	5	6	7	8	9	0

Lesson 24





Picture and Bar Graphs

First Picture Graph

1



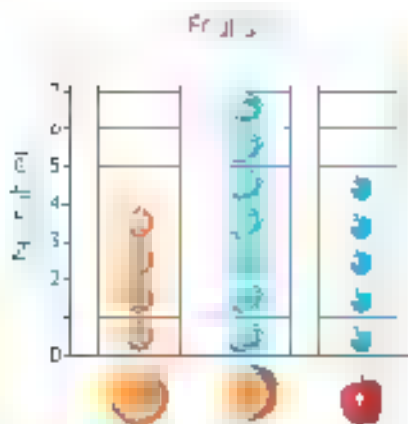
First. Look at the previous picture, then answer

- a The number of  = 7
- b The number of  = 3
- c The number of  = 5
- d The number of  = 4

Second Complete using (< or >):

- a The number of  > The number of 
- b The number of  > The number of 
- c The number of  > The number of 
- d The number of  > The number of 

2 Count, draw as in the example, then answer





First Complete the following.

a The number of  = 4

b The number of  = 5

c The number of  = 7

Second Complete using ($<$, $=$ or $>$).

a The number of  $>$ The number of 

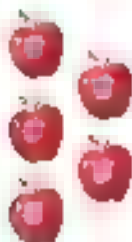
b The number of  $<$ The number of 

c The number of  $<$ The number of 








Second Bar Graph

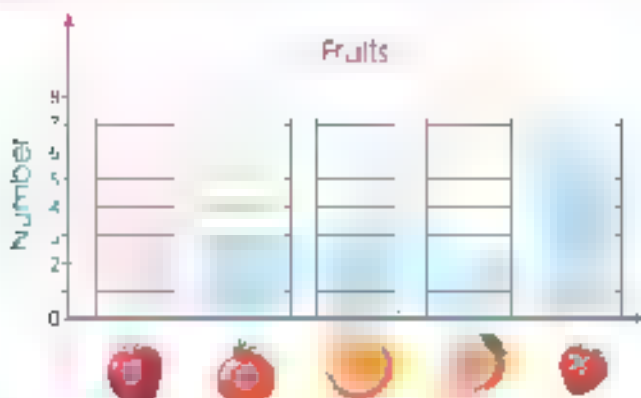
1



First Complete the following table.

Fruit					
Number	5	3	4	2	6

Second Represent the previous table graphically



2 Shade according to the number of flowers:

Colors of
Flowers



Red

Yellow

White



Blue

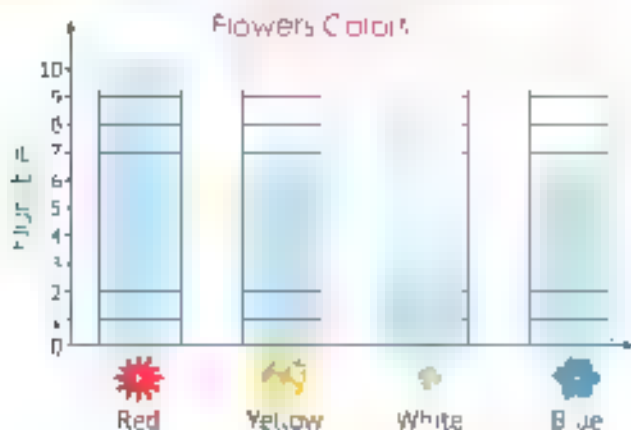
Number

10

7

3

6



3 Complete the following table from the graph:

Animal Number



4



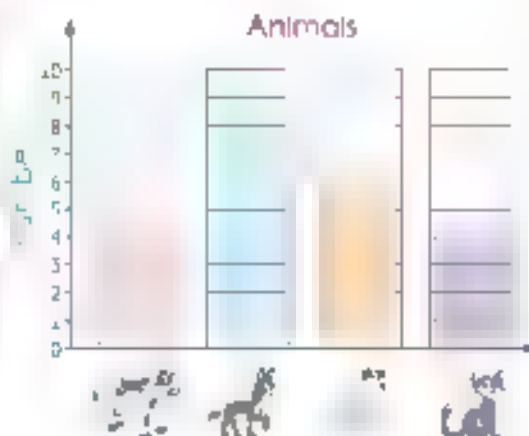
9



6



4



HOMEWORK



1



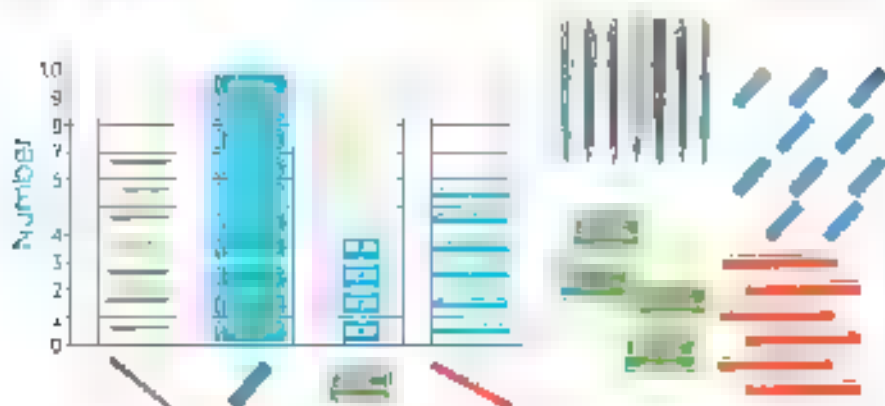
Frist Look at the previous picture. then answer:

- a The number of  = 4
- b The number of  = 8
- c The number of  = 5
- d The number of  = 3





Second Complete using (< , = or >)

- a The number of  < The number of 
- b The number of  < The number of 
- c The number of  > The number of 
- d The number of  < The number of 
- e The number of  < The number of 











2 Count, draw as in the example, then answer



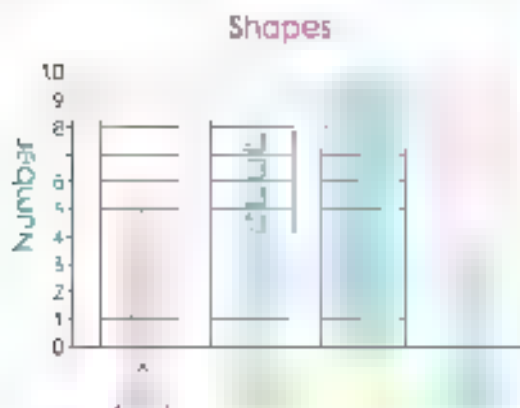
First Complete the following:

- a The number of  = 7
- b The number of  = 10
- c The number of  = 4
- d The number of  = 6





Second Complete using (< = or >):

- a The number of  < The number of 
- b The number of  < The number of 
- c The number of  > The number of 
- d The number of  > The number of 
- e The number of  < The number of 
- f The number of  > The number of 













3 Count, draw as in the example, then answer



First: Complete the following.

- a The number of  = 4
- b The number of  = 10
- c The number of  = 8
- d The number of  = 5

Second: Complete using $<$, $=$ or $>$.

- a The number of  $<$ The number of 
- b The number of  $>$ The number of 
- c The number of  $<$ The number of 
- d The number of  $<$ The number of 
- e The number of  $<$ The number of 
- f The number of  $<$ The number of 

4 Count, then answer



First Complete the following table:

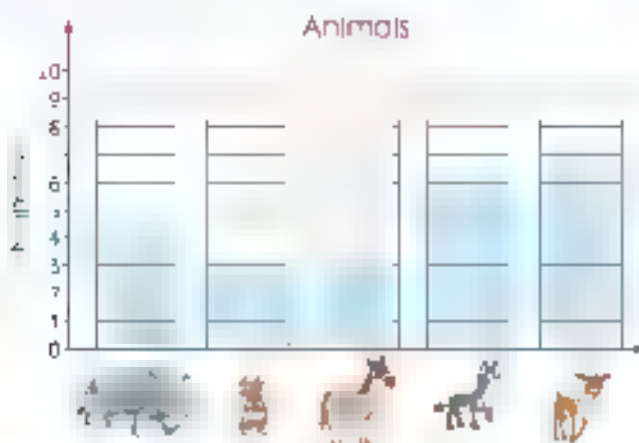
Fruit					
Number	4	2	9	5	6

Second Represent the previous table graphically:



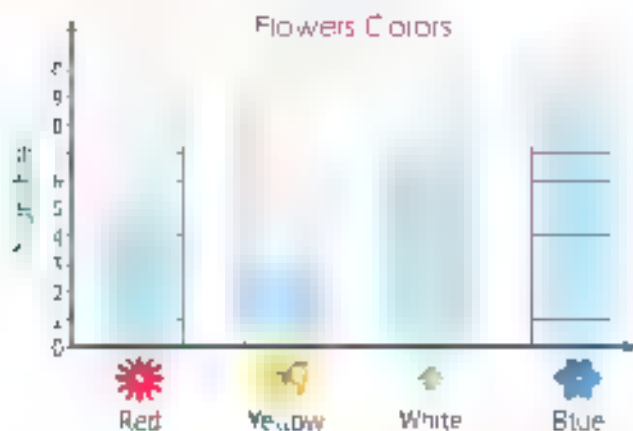
**5** Count, then answer**Frist** Complete the following table

Animal					
Number	4	3	3	6	7

Second Represent the previous table graphically

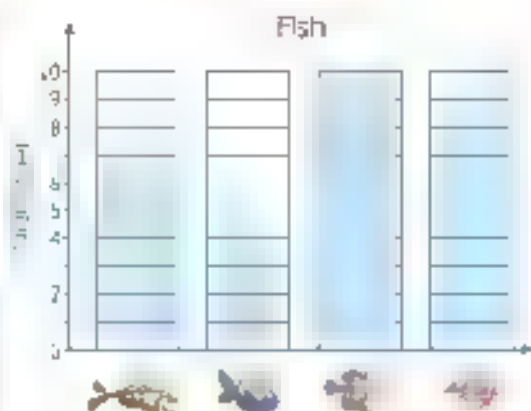
6 Shade according to the number of flowers.

Colors of Flowers				
	Red	Yellow	White	Blue
Number	5	3	7	10







7 Complete the following graph from the table.

Fish	Number
	7
	4
	10
	9





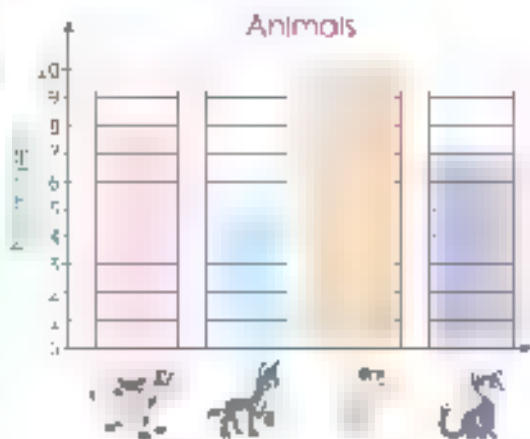
8 Complete the following table from the graph

Bird	Number
	7
	10
	3
	5



9 Complete the following table from the graph:

Animal	Number
	8
	5
	10
	7



Worksheet

24



Find the result

☐ $7 + 6 = 13$

☐ $15 - 3 = 12$

☐ $\begin{array}{r} 3 \\ + 2 \\ \hline \end{array}$

5

☐ $\begin{array}{r} 8 \\ + 9 \\ \hline \end{array}$

17

☐ $\begin{array}{r} 14 \\ + 9 \\ \hline \end{array}$

5

Second:

Choose the correct answer

☐ Seventy two \rightarrow 72 =

☐ $19 >$

☐ The number just of $= 3$ is

☐ 7 Ones + 3 Tens =

☐ $5 + \quad > 8$

72 ☐ 27 ☐ 77

18 ☐ 19 ☐ 20

2 ☐ 13 ☐ 4

77 ☐ 73 ☐ 37

4 ☐ 2 ☐ 3

Third:

Answer the following.

☐ Complete using $, <$ or $>$

☐ $8 - 8 < 10 + 0$ ☐ $7 + 7 =$ Fourteen

☐ $20 - 2 >$ Eight ☐ $9 - 5 <$ Eight

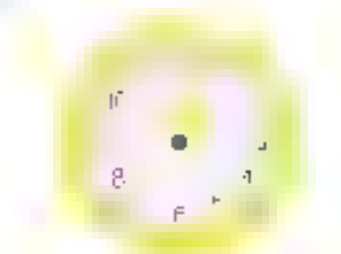
☐ Arrange the following numbers in an ascending order

20 , 17 , 2 , 12 , 6

2 , 6 , 12 , 17 , 20

Worksheet 24

c Write the time



ts 1 O'clock

d Complete



4 .. Ones + 1 Ten = 14

In words: **Fourteen**

Mon bought a pen for £ and a ruler for £

How much money did Mon pay?

• She paid 12 + 8 = 20 £

ONLY

math

FINAL
REVISION
EXAMS
&
ANSWERS

1

PRIMARY
FIRST TERM



ONLY

Math



FINAL
REVISION
&
ANSWERS

1

FIRST TERM

By Mohamed Mawelid



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Models

Pages 13 - 32



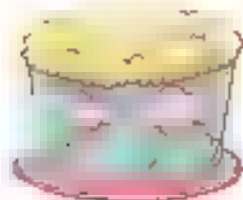
Guide Answers

Pages 33 - 56

General Exercises

on Numbers From 0 to 20

1 Draw 15



2 Draw 10



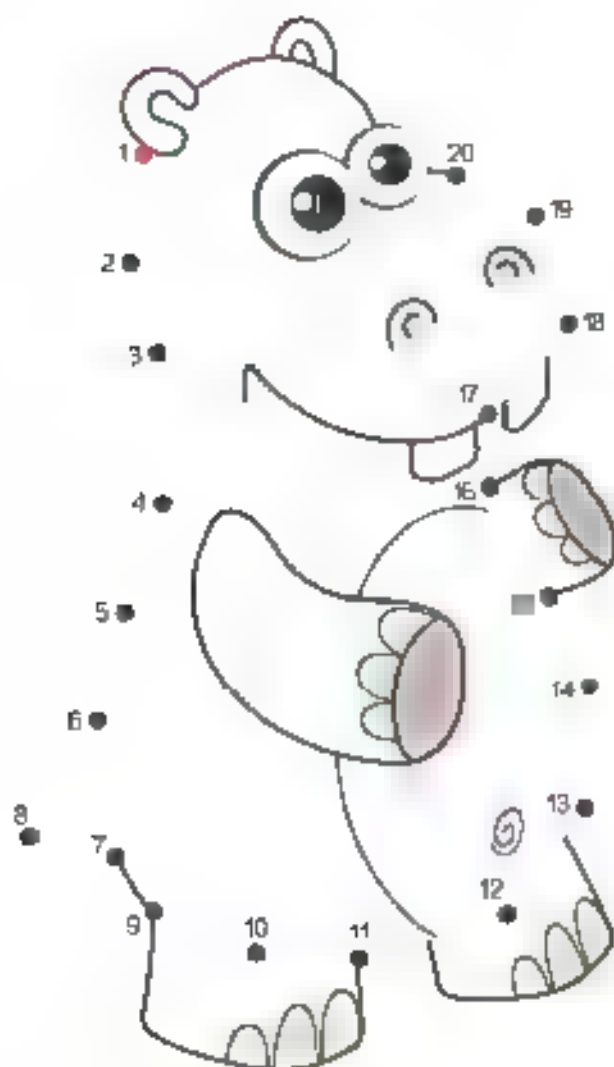
3 Draw 20



4 Draw 18

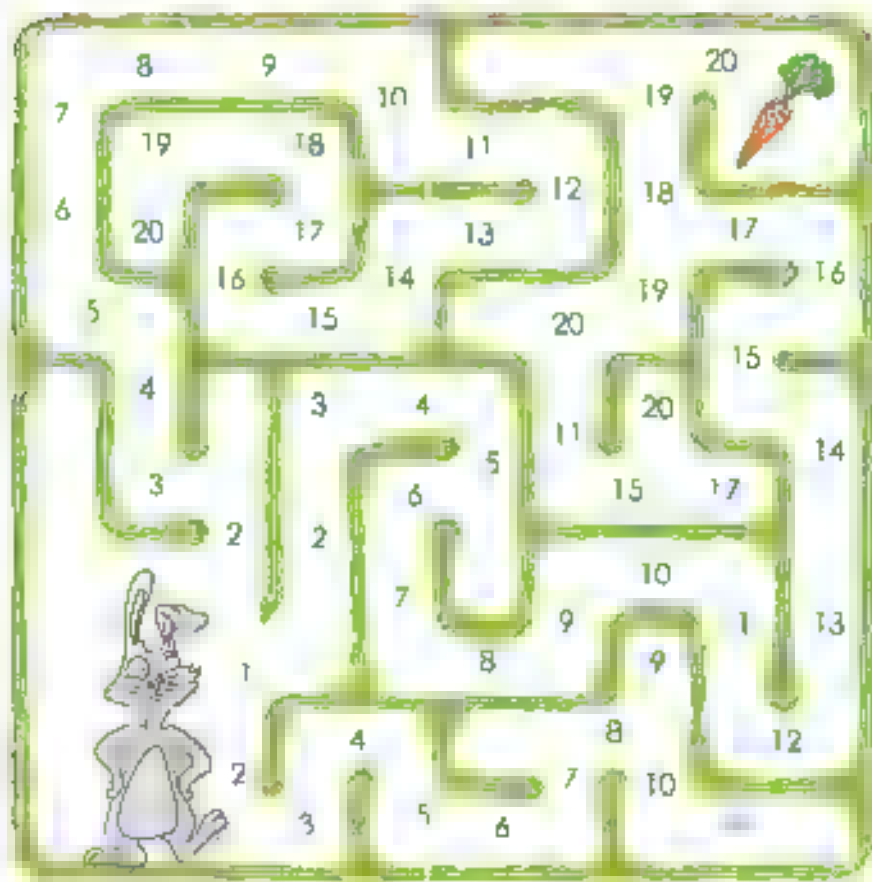


6 10000 10000 10000 10000 10000




Revision

- 7 Find the way by putting the numbers in the correct order from 1 to 20.



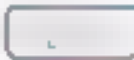

General Exercises

Choose the correct answer

- ☐ Thirty five (35 ☐ 53 ☐ 30)
- ☐ Nineteen 91 ☐ 19 ☐ 9)
- ☐ 25 Twenty five ☐ Fifty two ☐ Twelve)
- ☐ 16 , Sixty one ☐ Sixty six ☐ Sixteen .
- ☐ 15 comes just 16 ☐ 14 ☐ 3
- ☐ 20 comes just 19 ☐ 20 ☐ 2)
- ☐ comes just 12 (2 ☐ 11 ☐ 3
- ☐ comes just 16 (14 ☐ 15 ☐ 7)
- ☐ Nineteen 9 (< ☐ = ☐ >)
- ☐ $12 + 5$ $9 + 8$ (< ☐ = ☐ >)
- ☐ Thirteen < 12 ☐ 13 ☐ 4 .
- ☐ The time shown on the clock  is O'clock
(2 ☐ 5 ☐ 6)
- ☐ The " of the week is Friday ☐ Sunday ☐ Saturday
- ☐ The day just " Monday is (Tuesday ☐ Thursday ☐ Sunday)
- ☐ 5 Tens + 7 Ones = 57 ☐ 75 ☐ 55
- ☐ 3 Ones + 8 Tens = 38 ☐ 83 ☐ 33 .
- ☐ 7 Tens = 7 ☐ 17 ☐ 70)

Revision

Complete the following:

- 1 54 (in words) **Fifty four**
- 2 7 **Seventeen**
- 3 Twenty nine **29**
- 4 Eighty two (in digits) **82**
- 5 5 comes just after **4**
- 6 **10** comes just after **9**
- 7 0 comes just before **1**
- 8 **5** comes just before **6**
- 9 The time shown on the clock  is **6** O'clock
- 10 The time shown on the clock  is **9** O'clock
- 11 The _____ of the week is **Friday**
- 12 The day just _____ Thursday is **Wednesday**
- 13 Sunday comes just _____ **Saturday**
- 14 **Tuesday** comes just _____ Wednesday
- 15 12, 13, 14, **15**, **16**, **17**
- 16 90, 80, 70, **60**, **50**, **40**
- 17 7 Tens + 5 Ones = **75**
- 18 3 Ones + 6 Tens = **63**
- 19 9 Tens + 8 Ones = 98 **Ninety eight**
- 20 7 Ones + 5 Tens = 57 **Fifty seven**
- 21 $70 + 5 =$ **75**
- 22 $2 + 60 =$ **62**

Answer the following:

8 Complete using ($<$, $=$ or $>$)

1 $12 > 8$

2 $5 < \text{Eight}$

3 $\text{Eighteen} > \text{Eight}$

4 $9 > 6$

5 $\text{Fifteen} > 12$

6 $\text{Fifteen} < \text{Twenty}$

7 $8 > 17$

8 $3 < \text{Sixteen}$

9 $\text{Seven} > \text{Six}$

10 $2 + 5 < 6 + 7$

11 $8 + 7 < 10 + 5$

12 $13 + 3 < 15 + 5$

13 $12 + 8 = 10 + 10$

9 Complete

1 $8 < 9$

2 $8 > 7$

3 $19 < \text{Twenty}$

4 $18 < 19$

5 $7 > \text{Six}$

6 $\text{Sixteen} > 15$

7 $8 = 8$

8 $2 = 12$

9 $18 = \text{Eighteen}$

10 $10 + < 12$

11 $15 < 3 + 3$

12 $8 + 10 > 7$

13 $6 > 8 + 3$

14 $9 + 7 = 16$

15 $12 = 6 + 6$

10 Complete

1 $0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20$

2 $7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20$

Find: **Revision**

1 Put the following numbers in an ascending order

12	8	7	9	7
7	8	12	17	19
4	20	1	8	16
4	8	11	16	20

2 Put the following numbers in a descending order

15	0	9	7	12
19	15	12	7	0
20	, 5	6	, 14	, 4
20	, 14	, 6	5	4

3 Match.

$3 + 7$	$5 + 3$	$7 + 5$	$2 + 2$	$3 + 3$
$12 - 4$	$20 - 10$	$8 - 2$	$19 - 7$	$8 - 4$

4 Complete

Saturday	Sunday	Munday	Tuesday	Wednesday
Wednesday	Thursday	Friday	Saturday	Sunday

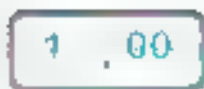
Write the time



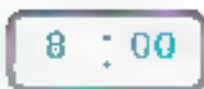
It's 2 O'clock



It's 7 O'clock



It's 1 O'clock



It's 8 O'clock



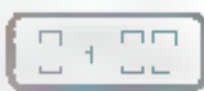
It's 9 O'clock



It's 12 O'clock



It's 5 O'clock



It's 4 O'clock

Write the time



It's 7 O'clock



It's 9 O'clock



It's 2 O'clock

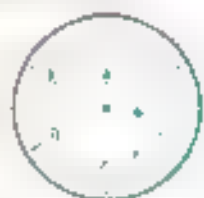


It's 4 O'clock

Draw the clock hands



It's 7 O'clock



It's 3 O'clock



It's 1 O'clock



It's 10 O'clock

Sara had 20 LE and she bought a pen for 5 LE

Find the remaining money with Sara

• The remainder = $20 - 5 = 15$ LE






Omar bought a pen for 3 LE and a book for 6 LE

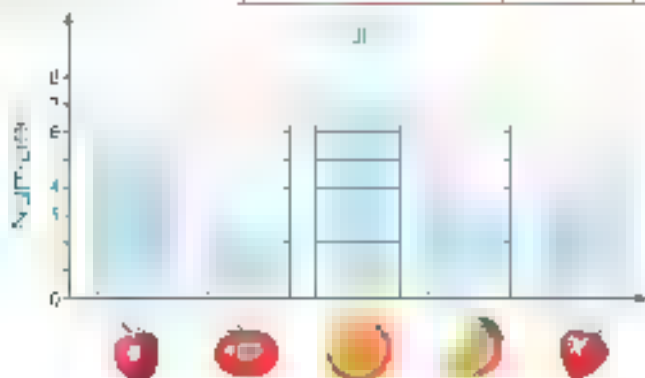
How much money did Omar pay?

• Omar paid = $3 + 6 = 9$ LE

Revision

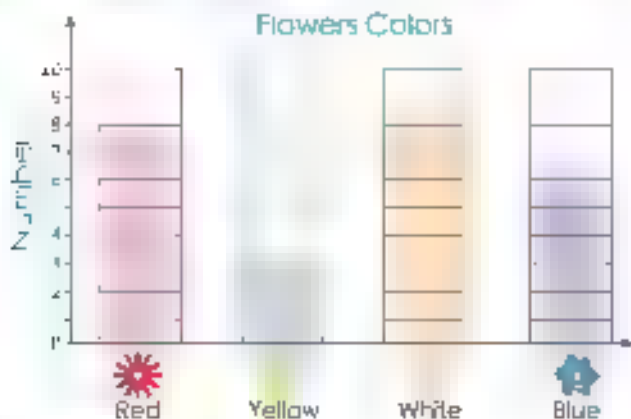
1. Shade according to the number of fruits.

Fruit					
Number	5	2	7	3	4



2. Complete the following table from the graph.

Colors of Flowers				
Number	8	3	9	6



Model 1

Find the result.

☐ $5 + 9 = 14$

☐ 2

☐ 12

☐ 10

☐ $12 - 5 = 7$

$$\begin{array}{r} 2 \\ + 7 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 12 \\ + 8 \\ \hline 20 \end{array}$$

$$\begin{array}{r} 10 \\ 9 \\ \hline 1 \end{array}$$

Complete the following

☐ $1, 2, 3, 4, 5, 6$

☐ The number just 9 is 10

☐ $5 \text{ Tens} + 3 \text{ Ones} = 53$

☐ $15 - 8 < 8$

☐ 95 Ninety five

Choose the correct answer

☐ One hundred { 99 or 100 or 101 }

☐ $13 >$ { 9 or 13 or 12 }

☐ The number just 18 is { 19 or 18 or 17 }

☐ The day just after Sunday is { Friday or Monday or Tuesday }

☐ $7 + < 12$ { 7 or 5 or 4 }

Revision

Answer the following

- 1 Arrange the following numbers in an ascending order

3 9 4 9 2
2 , 3 , 4 , 9 , 19

- 2 Complete using ($<$ = or $>$)

1 $9 + 7 > 9 - 3$

2 $12 < \text{Twenty}$

3 $8 - 8 < 6 + 4$

4 $3 = \text{Three}$

- 3 Ahmed has balls and Eman has balls.

How many balls do they have together?

- They have 12 + 8 20 balls.

Model 2

Find the result.

☐ $9 + 9 = 18$

☐ 2

☐ 12

☐ 0

☐ $12 - 7 = 5$

8

$+ 7$

2

10

19

8

Complete the following

☐ $5, 4, 3, 2, 1, 0$

☐ The number just 6 is 7

☐ $2 \text{ Tens} + 3 \text{ Ones} = 23$

☐ $8 + 11 < 20$

☐ 62 Sixty two

Choose the correct answer

☐ Thirty one =

31 ☐ 3 ☐ 6 ☐

☐ $5 \text{ Ones} + 8 \text{ Tens} =$

58 ☐ 85 ☐ 88

☐ The number just 5 is

6 ☐ 4 ☐ 2

☐ The day just Sunday is

$($ Friday ☐ Monday ☐ Tuesday

☐ $8 + < 0$

2 ☐ 0 ☐ 3

Answer the following

1. Arrange the following numbers in an ascending order

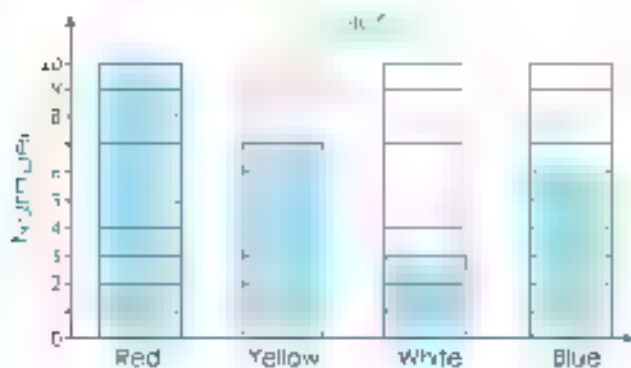
3 , 18 , 4 , 8 , 2
2 3 4 8 18

2. Complete using ($<$, $=$ or $>$)

a) $9 + 5 > 19 - 7$ b) $6 > \text{Five}$
 c) $15 - 8 = 3 + 4$ d) $8 = \text{Eight}$

3. Shade according to the number

Color	Red	Yellow	White	Blue
Number	10	7	3	6



Model 3

Match

$$2 \div 2$$

$$3 \div 3$$

$$4 \div 4$$

$$5 \div 5$$

$$6 \div 6$$

$$8 \div 2$$

$$1 \div 7$$

$$17 \div 5$$

$$2 \div 4$$

$$15 \div 5$$

Complete the following

☐ 10 20 30 40 **50** 60 70

☐ The number _____ 10 is **9**

☐ **5** Ones + **9** Tens = 95

☐ 73 **Seventy three**

☐ 8 + **7** = 15

Choose the correct answer

☐ Seventeen { **7** ☐ 71 ☐ 70 }

☐ 5 < { 6 ☐ 5 ☐ 0 }

☐ The number just _____ 18 is { **9** ☐ 8 ☐ 17 }

☐ The day just _____ Thursday is { Friday ☐ Monday ☐ Tuesday }

☐ 5 Tens + 8 Ones = { 58 ☐ 85 ☐ 55 }

Answer the following

- 1 Arrange the following numbers in a descending order

10 , 11 , 1 , 0 , 15
 15 , 11 , 10 , 1 , 0

- 2 Complete using (<, = or >)

1 $8 + 2 = 10$ 3

2 $8 =$ Eight

3 $10 - 8 < 1 + 3$

4 $10 <$ Fifteen

- 3 The price of



1 and $7 + 9 = 16$ LE

2 and $= 9 + 2 = 11$ LE

Model 4



Find the result.

☐ $7 + 6 = 13$

☐ 3

☐ 8

☐ 4

☐ $15 - 3 = 12$

2
 5

$+$ 9
 17

9
 5

Complete using ($<$, $=$, $>$)

☐ $8 - 8 < 10 + 10$

☐ $3 = \text{Three}$

☐ $20 - 4 > 7 + 7$

☐ $18 > \text{Eight}$

Choose the correct answer

☐ Seventy two $=$

72 ☐ 27 ☒ 77 ,

☐ $19 >$

19 ☒ 20 ☐ 18

☐ The number just 19 is

19 ☐ 20 ☒ 18

☐ $7 \text{ Ones} + 3 \text{ Tens} =$

77 ☐ 73 ☒ 37 ,

☐ $5 + > 8$

4 ☐ 2 ☒ 3)

Revision

Answer the following

- 1 Arrange the following numbers in an ascending order

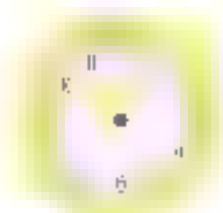
5 , 8 , 12 , 20 , 6

5 , 6 , 8 , 12 , 20

- 2 Mona bought a pen for 12 LE and a ruler for 8 LE.
How much money did Mona pay?

• Mona paid $12 + 8 = 20$ LE

- 3 Write the time



It's 1 o'clock

- 4 Write the numbers shown on the abacus.



5 Ones + 3 Tens = 35 , in words) Thirty five

Model 5



Find the result.

☐ $7 + 7 = 14$

☐ 11

☐ 8

☐ 5

☐ $20 - 4 = 16$

$$\begin{array}{r} 6 \\ 17 \end{array}$$

$$\begin{array}{r} + 9 \\ 17 \end{array}$$

$$\begin{array}{r} 8 \\ 7 \end{array}$$

Complete the following

☐ $5, 6, 7, 8, 9, 10$

☐ The number just 7 is 8

☐ The day just Thursday is Friday

☐ $15 - 8 < 8$

☐ 19 Nineteen

Choose the correct answer

☐ Sixty nine =

☐ 99 ☐ 69 ☐ 96

☐ $8 >$

7 ☐ 8 ☐ 9

☐ The number just 10 is

7 ☐ 8 ☐ 9

☐ The day just Tuesday is

☐ Friday ☐ Monday ☐ Tuesday

☐ $7 \text{ Tens} + 3 \text{ Ones} =$

73 ☐ 37 ☐ 77

Answer the following:

☐ Arrange the following numbers in a descending order

$4, 7, 11, 14, 17$
 $17, 14, 11, 7, 4$

• Find **Revision**

1 Complete using ($<$, $=$ or $>$)

1 $19 + 1 > 19 - 1$

2 $17 > \text{Seven}$

3 $15 - 8 = 3 + 4$

4 $6 < \text{Eight}$

2 Complete

2 Tens + 6 Ones = 26
Twenty six

9 Ones + 5 Tens = 59
Fifty nine

3 Mona bought a pen for 12 and a ruler for 8.
How much money did Mona pay?

• Mona paid = $12 + 8 = 20$ LE

4 Complete the following table

Animal Number



5



7

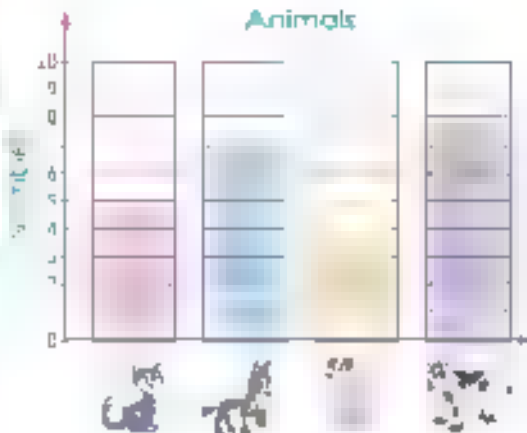


3



8

Animals



Model 6



Find the result.

☐ $5 + 6 = 11$

☐ $2 + 9 = 11$

☐ $12 + 7 = 19$

☐ $1 - 8 = 3$

☐ $10 - 9 = 1$

11

19

3

Complete the following

☐ $987 + 6 = 54$

☐ The number just after 12 is 13

☐ $3 \text{ Tens} + 8 \text{ Ones} = 38$

☐ $95 < 5$

☐ 53 Fifty three

Choose the correct answer

☐ One hundred = 99 ☐ or 100 ☐ or 10

☐ $12 > 13$ ☐ or 12 ☐ or 11

☐ The number just after 19 is

(19 ☐ or 18 ☐ or 17)

☐ The day just after Monday is

, Friday ☐ or Sunday ☐ or Tuesday

☐ $5 + < 2$ { 7 ☐ or 8 ☐ or 4 }

Answer the following

- 1 Arrange the following numbers in an ascending order

3 19 4 9 12
3 , **4** , **9** , **12** , **19**

- 2 Complete using (< = or >)

1 $7 + 7$ **=** $18 - 4$

2 12 **<** Twenty

3 $8 - 8$ **<** $6 + 6$

4 13 **=** Thirteen

- 5 Adam had **£20**. He bought a toy for **£5** and a ruler for **£2**.
 Find the remaining money with Adam.

• Adam paid = **5** + **2** = **7** **£**

• The remainder = **15** **7** = **8** **£**

Model 7



Find the result.

a $2 + 9 =$ **11**

b 2

d 15

e 1

b $17 - 8 =$ **9**

8

+ 0

2

10

15

9

Complete the following

a $0 + 8 =$ **12** **16** **20**

b The number just after 18 is **19**

c $1 \text{ Ten} + 8 \text{ Ones} =$ **18**

d $18 + 1 <$ **20**

e 26 **Twenty six**

Choose the correct answer

a Thirteen \times =

31 ☒ 3 ☐ 6 }

b $8 \text{ Ones} + 5 \text{ Tens} =$

58 ☒ 85 ☐ 88 }

c The number just after 5 is

{ 6 ☒ 4 ☐ 2 }

d The day just after Monday is

{ Friday ☒ Sunday ☐ Tuesday }

e $8 +$ $<$ 1

{ 2 ☒ 3 ☐ 4 }

Answer the following

- 1 Arrange the following numbers in an ascending order

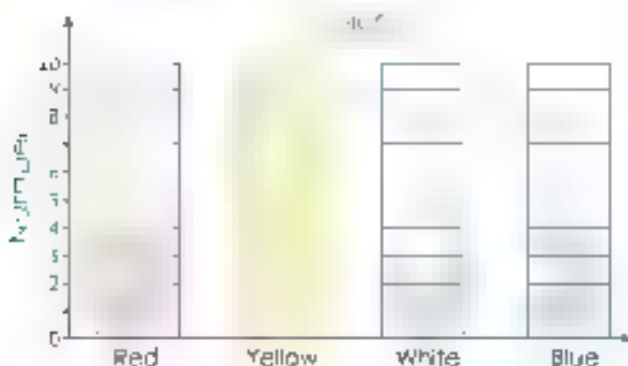
3 , 8 , 4 , 18 , 3
 3 , 4 , 8 , 13 , 18

- 2 Complete using (< = or >)

9 + 9 > 19 7 6 > Five
 5 = 3 + 3 8 = Eighteen

- 3 Complete the following table from the graph

Color	Red	Yellow	White	Blue
Number	4	9	3	4



Model 8

Match

$$\begin{array}{r} 2+3 \\ \hline \end{array}$$

$$\begin{array}{r} 3+4 \\ \hline \end{array}$$

$$\begin{array}{r} 4+5 \\ \hline \end{array}$$

$$\begin{array}{r} 5+6 \\ \hline \end{array}$$

$$\begin{array}{r} 6+7 \\ \hline \end{array}$$

$$\begin{array}{r} 8-1 \\ \hline \end{array}$$

$$\begin{array}{r} 11-6 \\ \hline \end{array}$$

$$\begin{array}{r} 17-4 \\ \hline \end{array}$$

$$\begin{array}{r} 2-3 \\ \hline \end{array}$$

$$\begin{array}{r} 15-4 \\ \hline \end{array}$$

Complete the following

☐ 90 80 70 **60** 50 40

☐ The number just **19** is **18**

☐ **5** Ones + **3** Tens = 35

☐ 58 **Fifty eight**

☐ 7 + **4** = 11

Choose the correct answer

☐ Seventy { 7 ☐ 71 ☒ 70 }

☐ 5 < { 6 ☐ 5 ☒ 0 }

☐ The number just **17** is { 9 ☐ 8 ☒ 17 }

☐ The day just **Thursday** is { Friday ☐ Monday ☒ Tuesday }

☐ 8 Tens + 5 Ones = { 58 ☐ 85 ☒ 55 }

Revision

Answer the following

- 1 Arrange the following numbers in a descending order

7 , 18 , 1 , 10 , 5
18 , 10 , 7 , 5 , 1

- 2 Complete using ($<$, $=$ or $>$)

1 $8 + 8 > 13 - 3$

2 $8 < \text{Eighteen}$

3 $1 - 3 < 8 + 3$

4 $10 = \text{Ten}$

- 5 Ali has 7 balloons and Facy has 8 balloons.

How many balloons do they have?

• They have $= 7 + 8 = 15$ balloons

Model 9



Find the result.

☐ $7 + 7 = 14$

☐ 3

☐ 9

☐ 8

☐ $12 - 9 = 3$

$+ 7$

$+ 6$

9

10

15

9

Complete using (> , < , =).

☐ $8 + 8 > 10 - 6$

☐ $13 > \text{Three}$

☐ $20 - 7 = 7 + 6$

☐ $8 = \text{Eight}$

Choose the correct answer

☐ Twenty seven =

72 ☐ 27 ☒ 77 ,

☐ $19 <$

19 ☒ 20 ☒ 18 }

☐ The number just after 19 is

19 ☒ 20 ☒ 18

☐ 3 Ones + 8 Tens =

88 ☒ 83 ☒ 38

☐ $5 + < 7$

1 ☒ 2 ☒ 3 ,

Revision

Answer the following

- ❑ Arrange the following numbers in an ascending order

15 , 8 , 5 , 20 , 6

5 — , 6 , 8 , 15 , 20

- ❑ Hanad had $\text{LE } 20$. She bought a toy for $\text{LE } 7$.

Find the remaining money with Hanad

• The remainder = $20 - 7 = 13$ LE

- ❑ Write the time



It's 6 O'clock.

- ❑ Write the number shown on the abacus



4 Ones + 5 tens = 54 (In words) Fitty four

Model 10



Find the result.

☐ $7 + 4 = 11$

☐ 11

☐ 8

☐ 8

☐ $17 - 8 = 9$

9

$+ 6$

5

20

14

13

Complete the following

☐ $15 + 16 + 17 + 18 + 19 + 20$

☐ The number just after 16 is 17

☐ The day just after Sunday is Monday

☐ $15 - 5 > 9$

☐ 11 (in words) is Eleven

Choose the correct answer

☐ Ninety six is equal to

99 ☐ 69 ☐ 96

☐ 18 >

17 ☐ 18 ☐ 19

☐ The number just before 10 is

7 ☐ 8 ☐ 9

☐ The day just after Tuesday is

Friday ☐ Monday ☐ Tuesday

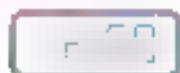
☐ 3 Tens + 7 Ones

73 ☐ 37 ☐ 77

Revision

Answer the following

- a Write the time



It's **12** o'clock



It's **9** o'clock

- b Complete



4 Ones + **1** Ten = **14**

in words

Fourteen

- c Fatma had 20 LE.

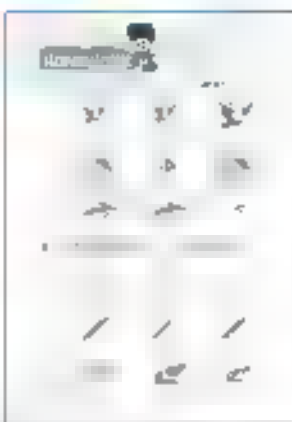
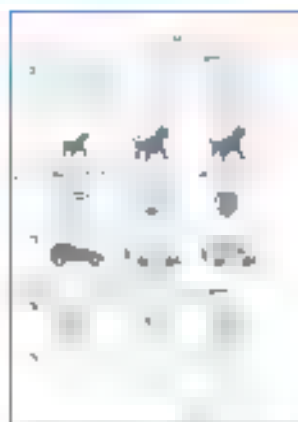
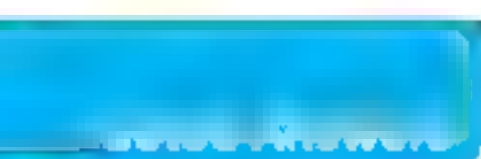


She bought a  and a 

Find the remaining money with Fatma.

• Fatma paid = **5** + **4** = **9** LE

• The remainder = **20** - **9** = **11** LE





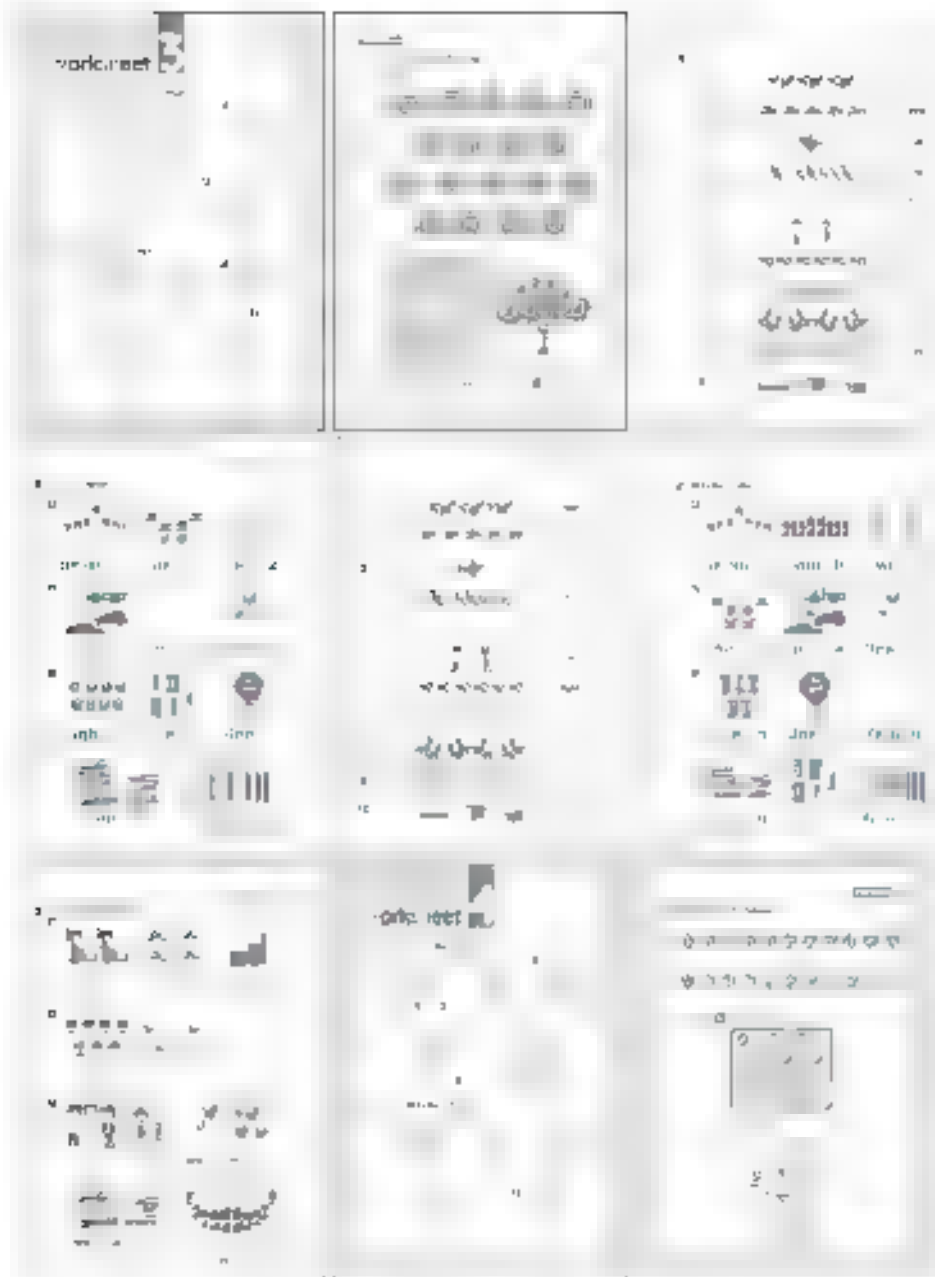
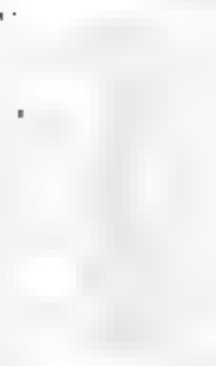
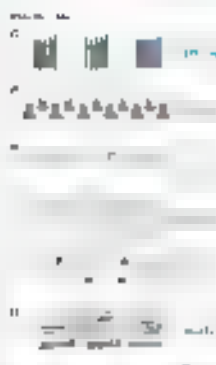
[illegible]

Figure 1 is a schematic representation of the experimental design. It shows a sequence of events: a subject is presented with a stimulus (a word), then a response is generated (a word), and finally, a feedback is provided (a word). The sequence is labeled 'Stimulus', 'Response', and 'Feedback'.

[illegible]

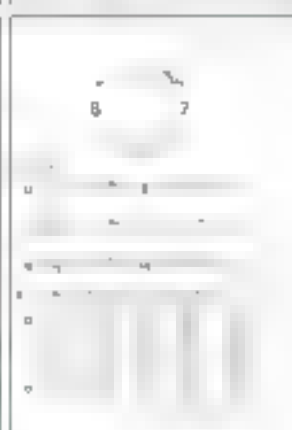
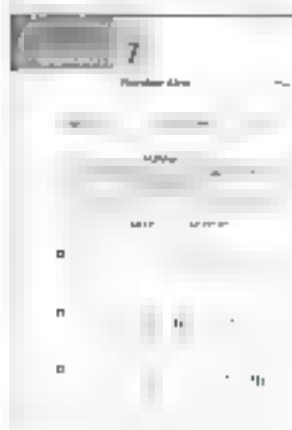
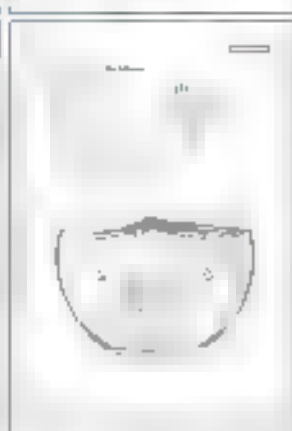
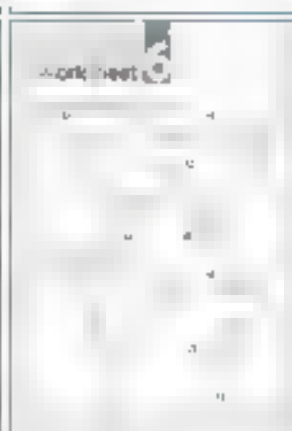
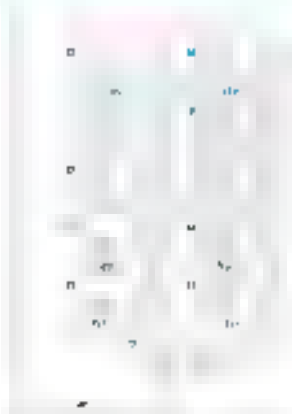




The collage displays 12 pages from a Japanese language textbook, organized into three rows of four pages each. The pages contain various educational materials:

- Top Row:**
 - Page 1: A worksheet titled "ワークシート" (Worksheet) with a grid for writing.
 - Page 2: A page with a large, faint background image of a person.
 - Page 3: A page with a grid for writing, similar to the first page.
 - Page 4: A page with a grid for writing, similar to the first page.
- Middle Row:**
 - Page 5: A page with a grid for writing, similar to the first page.
 - Page 6: A page with a grid for writing, similar to the first page.
 - Page 7: A page with a grid for writing, similar to the first page.
 - Page 8: A page with a grid for writing, similar to the first page.
- Bottom Row:**
 - Page 9: A page with a grid for writing, similar to the first page.
 - Page 10: A page with a grid for writing, similar to the first page.
 - Page 11: A page with a grid for writing, similar to the first page.
 - Page 12: A page with a grid for writing, similar to the first page.

The pages include various exercises, grammar points, and vocabulary lists, all presented in a clear and organized manner.



Homework

Write the following words in the correct column.

1. a.
- b.
- c.
- d.
- e.

2. a.
- b.
- c.
- d.
- e.

3. a.
- b.
- c.
- d.
- e.

4. a.
- b.
- c.
- d.
- e.

5. a.
- b.
- c.
- d.
- e.

- ## Worksheet
1. a.
 - b.
 - c.
 - d.
 - e.



School and Office

6. a.
- b.
- c.
- d.
- e.

7. a.
- b.
- c.
- d.
- e.

8. a.
- b.
- c.
- d.
- e.

Final Review

1. **Math**

2. **Science**

3. **History**

4. **Art**

5. **Physical Education**

6. **Music**

7. **Language Arts**

8. **Math**

9. **Science**

10. **History**

11. **Art**

12. **Physical Education**

13. **Music**

14. **Language Arts**

15. **Math**

16. **Science**

17. **History**

18. **Art**

19. **Physical Education**

20. **Music**

21. **Language Arts**

22. **Math**

23. **Science**

24. **History**

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26. **Physical Education**

27. **Music**

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31. **History**

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385. **Language Arts**

386. **Math**

387. **Science**

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392. **Language Arts**

393. **Math**

394. **Science**

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397. **Physical Education**

398. **Music**

399. **Language Arts**

400. **Math**

401. **Science**

402. **History**

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407. **Math**

408. **Science**

409. **History**

410. **Art**

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433. **Music**

434. **Language Arts**

435. **Math**

436. **Science**

437. **History**

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447. **Music**

448. **Language Arts**

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762. **Music**

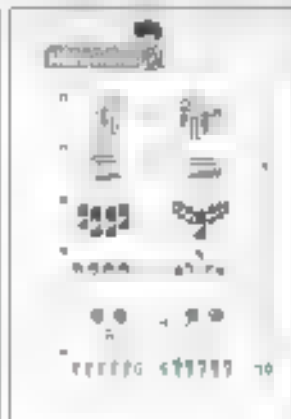
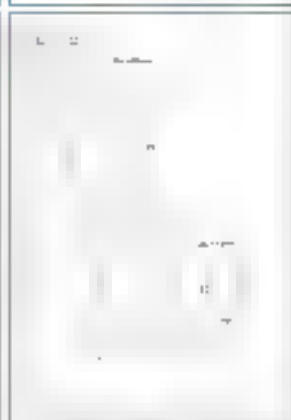
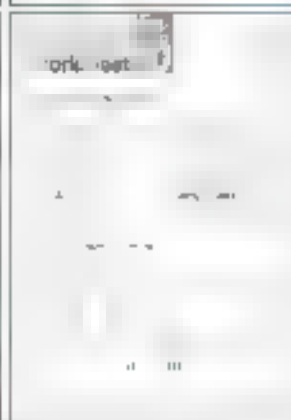
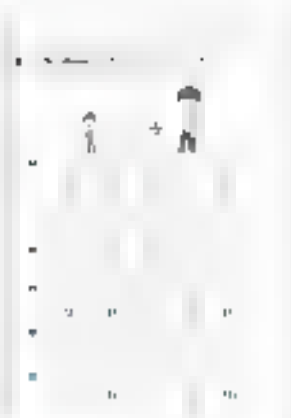
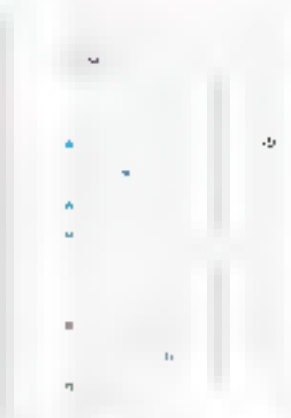
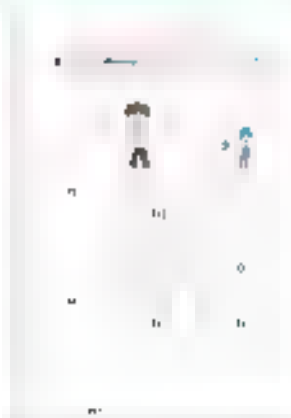
763. **Language Arts**

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Final Review

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1	2	3	4	5	6	7	8	9	10	11	12

1	2	3	4	5	6	7	8	9	10	11	12

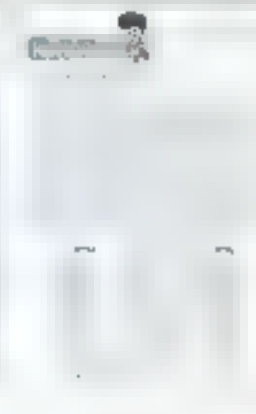
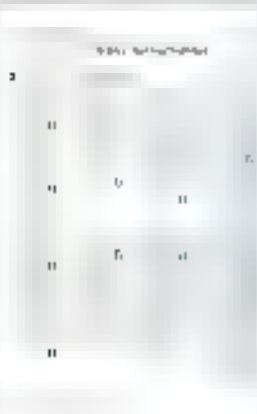
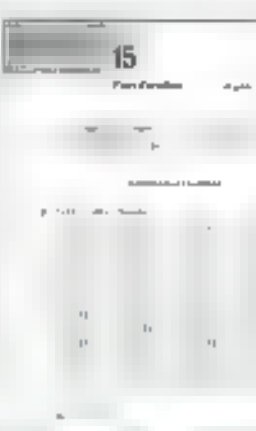
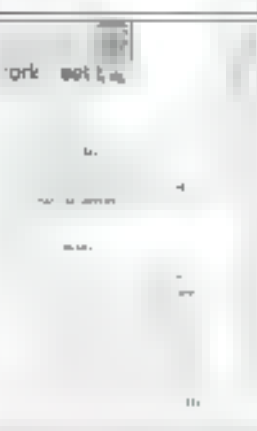
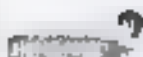
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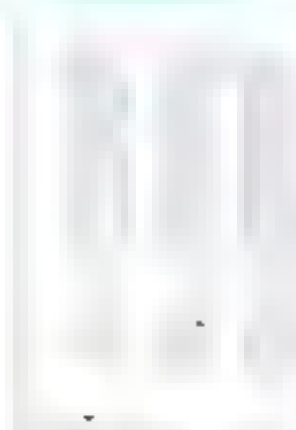


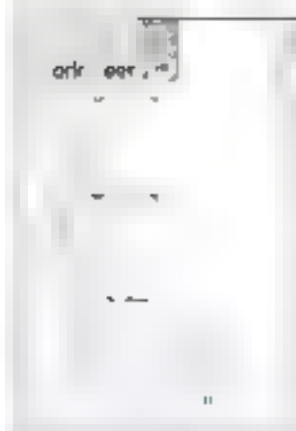
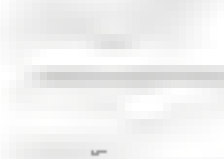
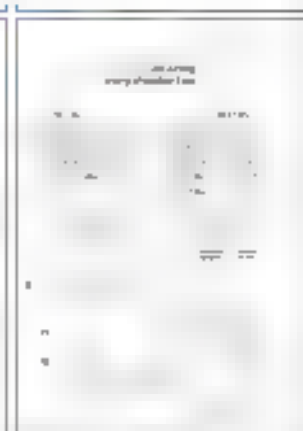


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1	2	3	4	5	6	7	8	9	10	11	12



		
	<p>16</p> <p>Answer: 16</p> <p>Using the number line</p> 	
	<p>3</p> <p>A</p> <p>B</p> <p>C</p> <p>D</p> <p>E</p> <p>F</p> <p>G</p> <p>H</p> <p>I</p> <p>J</p> <p>K</p> <p>L</p> <p>M</p> <p>N</p> <p>O</p> <p>P</p> <p>Q</p> <p>R</p> <p>S</p> <p>T</p> <p>U</p> <p>V</p> <p>W</p> <p>X</p> <p>Y</p> <p>Z</p>	

Worksheet 17

THE 19th

Day 10

Arms Club

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Day 10

Arms Club

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Worksheet 17

THE 19th

Day 10

Arms Club

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Worksheet 17

THE 19th

Day 10

Arms Club

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Day 10

Arms Club

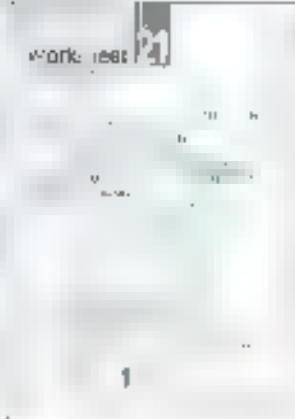
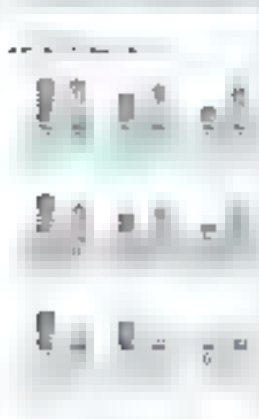
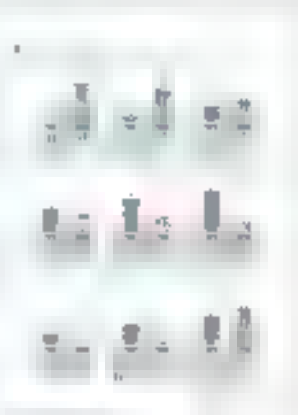
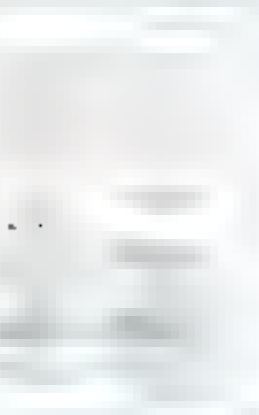
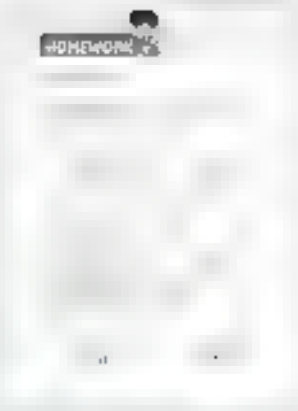
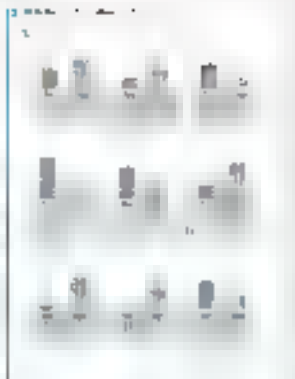
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The image displays a collection of 12 worksheets arranged in a 4x3 grid. Each worksheet is part of a series titled 'Workbooks 19', as indicated by the logo in the top right corner of each page. The worksheets contain various mathematical exercises:

- Worksheet 1:** Features a background of a blue sky with clouds. It includes a word problem about a car's speed and a calculation exercise.
- Worksheet 2:** Features a background of a green field with a tree. It includes a word problem about a car's speed and a calculation exercise.
- Worksheet 3:** Features a background of a blue sky with clouds. It includes a word problem about a car's speed and a calculation exercise.
- Worksheet 4:** Features a background of a green field with a tree. It includes a word problem about a car's speed and a calculation exercise.
- Worksheet 5:** Features a background of a blue sky with clouds. It includes a word problem about a car's speed and a calculation exercise.
- Worksheet 6:** Features a background of a green field with a tree. It includes a word problem about a car's speed and a calculation exercise.
- Worksheet 7:** Features a background of a blue sky with clouds. It includes a word problem about a car's speed and a calculation exercise.
- Worksheet 8:** Features a background of a green field with a tree. It includes a word problem about a car's speed and a calculation exercise.
- Worksheet 9:** Features a background of a blue sky with clouds. It includes a word problem about a car's speed and a calculation exercise.
- Worksheet 10:** Features a background of a green field with a tree. It includes a word problem about a car's speed and a calculation exercise.
- Worksheet 11:** Features a background of a blue sky with clouds. It includes a word problem about a car's speed and a calculation exercise.
- Worksheet 12:** Features a background of a green field with a tree. It includes a word problem about a car's speed and a calculation exercise.



1. **Math**

2. **Science**

3. **History**

4. **Geography**

5. **Art**

6. **Music**

7. **Physical Education**

8. **Health**

9. **Language**

10. **Other**

HOMEWORK

1. **Math**

2. **Science**

3. **History**

4. **Geography**

5. **Art**

6. **Music**

7. **Physical Education**

8. **Health**

9. **Language**

10. **Other**

1. **Math**

2. **Science**

3. **History**

4. **Geography**

5. **Art**

6. **Music**

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8. **Health**

9. **Language**

10. **Other**

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4. **Geography**

5. **Art**

6. **Music**

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9. **Language**

10. **Other**

Work test

1. **Math**

2. **Science**

3. **History**

4. **Geography**

5. **Art**

6. **Music**

7. **Physical Education**

8. **Health**

9. **Language**

10. **Other**

Math

1. **Math**

2. **Science**

3. **History**

4. **Geography**

5. **Art**

6. **Music**

7. **Physical Education**

8. **Health**

9. **Language**

10. **Other**

1. **Math**

2. **Science**

3. **History**

4. **Geography**

5. **Art**

6. **Music**

7. **Physical Education**

8. **Health**

9. **Language**

10. **Other**

HOMEWORK

1. **Math**

2. **Science**

3. **History**

4. **Geography**

5. **Art**

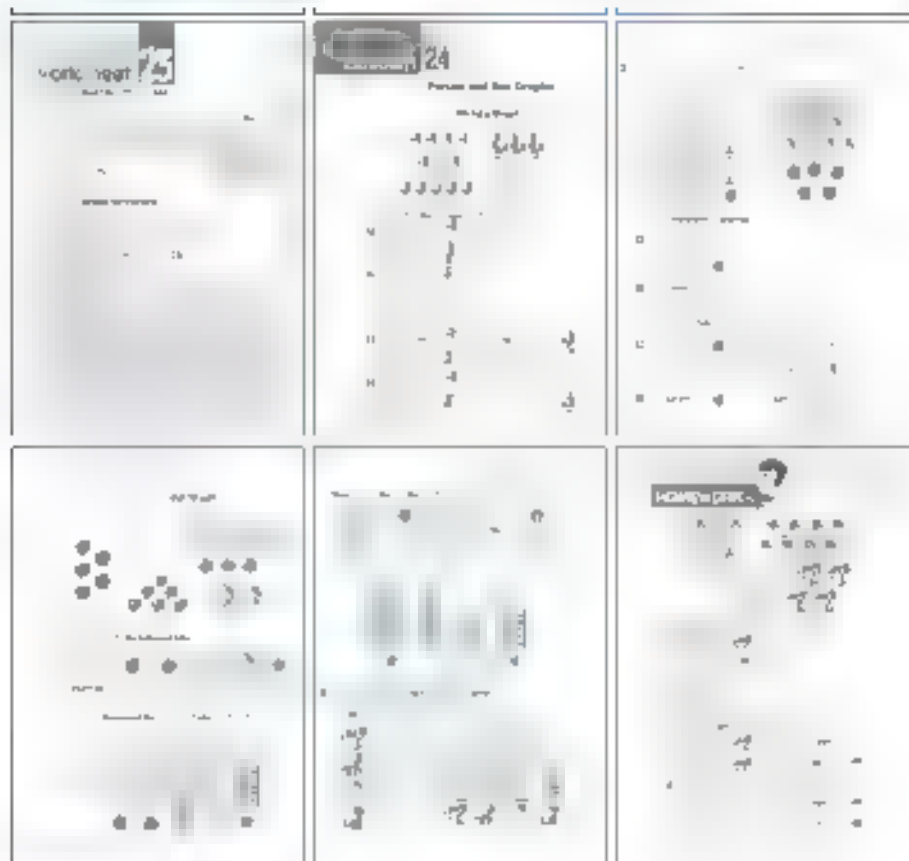
6. **Music**

7. **Physical Education**

8. **Health**

9. **Language**

10. **Other**





Worksheet 24

Section 1: Introduction

1. What is the purpose of this worksheet?

2. What are the main topics covered?

3. What are the learning objectives?

4. What are the key concepts?

5. What are the key skills?

6. What are the key outcomes?

7. What are the key messages?

8. What are the key takeaways?

9. What are the key points?

10. What are the key facts?

11. What are the key figures?

12. What are the key statistics?

13. What are the key data points?

14. What are the key trends?

15. What are the key patterns?

16. What are the key relationships?

17. What are the key connections?

18. What are the key links?

19. What are the key associations?

20. What are the key correlations?

21. What are the key influences?

22. What are the key impacts?

23. What are the key effects?

24. What are the key consequences?

25. What are the key results?

26. What are the key findings?

27. What are the key conclusions?

28. What are the key recommendations?

29. What are the key suggestions?

30. What are the key proposals?

31. What are the key plans?

32. What are the key strategies?

33. What are the key tactics?

34. What are the key methods?

35. What are the key techniques?

36. What are the key procedures?

37. What are the key processes?

38. What are the key systems?

39. What are the key mechanisms?

40. What are the key structures?

41. What are the key frameworks?

42. What are the key models?

43. What are the key theories?

44. What are the key concepts?

45. What are the key ideas?

46. What are the key notions?

47. What are the key principles?

48. What are the key rules?

49. What are the key laws?

50. What are the key regulations?

51. What are the key standards?

52. What are the key guidelines?

53. What are the key instructions?

54. What are the key directions?

55. What are the key orders?

56. What are the key commands?

57. What are the key requests?

58. What are the key demands?

59. What are the key requirements?

60. What are the key conditions?

61. What are the key terms?

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64. What are the key conditions?

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84. What are the key conditions?

85. What are the key terms?

86. What are the key conditions?

87. What are the key terms?

88. What are the key conditions?

89. What are the key terms?

90. What are the key conditions?

91. What are the key terms?

92. What are the key conditions?

93. What are the key terms?

94. What are the key conditions?

95. What are the key terms?

96. What are the key conditions?

97. What are the key terms?

98. What are the key conditions?

99. What are the key terms?

100. What are the key conditions?

Example 1

Find the sum of the first 10 terms of the arithmetic sequence

$1, 3, 5, 7, \dots$

Solution

The first term is 1 and the common difference is 2.

Using the formula for the sum of the first n terms of an arithmetic sequence,

$$S_n = \frac{n}{2}(2a + (n-1)d)$$

we have

$$S_{10} = \frac{10}{2}(2(1) + (10-1)(2))$$
$$= 5(2 + 18)$$
$$= 5(20)$$
$$= 100$$

∴ The sum of the first 10 terms of the arithmetic sequence is 100.

Final Revision Answers

[illegible]

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1. CH_3COOH (Acetic acid)
 2. CH_3COO^- (Acetate ion)
 3. CH_3COOH (Acetic acid)
 4. CH_3COO^- (Acetate ion)
 5. CH_3COOH (Acetic acid)
 6. CH_3COO^- (Acetate ion)
 7. CH_3COOH (Acetic acid)
 8. CH_3COO^- (Acetate ion)
 9. CH_3COOH (Acetic acid)
 10. CH_3COO^- (Acetate ion)

100

[illegible]

45

[illegible]

10

124

[illegible]

1

[illegible]

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